

GUPTA

CLASSES

Current Affairs

May-2022

English

Part-3



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CLASSES

- 3) Kristalina Georgieva
- 4) Margaret Chan
- 5) Anders Nordström

Answer- **2) Tedros Adhanom Ghebreyesus**

Explanation:

The World Health Organisation (**WHO**) member states has **re-elected** Dr **Tedros Adhanom Ghebreyesus** for a **second 5 year** term as the Director-General (**DG**) of **WHO**. His new mandate as DG will officially commence on August 16 2022. His re-election was confirmed during the 75th World Health Assembly (**WHA**) in Geneva, Switzerland.

- i.** Dr Tedros Adhanom Ghebreyesus was first elected as DG of WHO in 2017 and he is an Ethiopian public health researcher and first African to hold the DG post.
- ii.** As per the World Health Assembly rules and procedures a Director-General can be re-appointed only once.

38. Name the personality who was recently (in May '22) appointed as the Chief Executive Officer (CEO) of IndiGo with the effect from 1st October 2022.

- 1) Viraj Mehta
- 2) Rahul Bhatia
- 3) Ronojoy Dutta
- 4) Rohini Bhatia
- 5) Pieter Elbers

Answer- **5) Pieter Elbers**

Explanation:

IndiGo, India's largest domestic carrier has appointed **Pieter Elbers** as its new Chief Executive Officer(**CEO**). His appointment subjected to regulatory approvals will be effective from on or before October 1, 2022.

- i.** He will replace incumbent **Ronojoy Dutta**(71-year-old) who has decided to retire on 30th September 2022.
- ii.** Pieter Elbers, hailing from Schiedam, The Netherlands, has served as the President and CEO of KLM Royal Dutch Airlines and he is also a member of the Executive committee of the Air France – KLM Group.

39. Who was recently (in May'22) appointed as the chair of the World Trade Organisation (WTO)'s Committee on Technical Barriers on Trade?

- 1) Eileen Gu (China)
- 2) Cate Campbell (Australia)
- 3) Anwar Hussain Shaik (India)
- 4) Elisa María (Portugal)
- 5) Shoko Noda (Japan)

Answer- **3) Anwar Hussain Shaik (India)**

Explanation:

An **Indian** Officer, **Anwar Hussain Shaik** would take the role as the chair of the World Trade Organisation(**WTO**)'s **Committee on Technical Barriers on Trade** from Elisa Maria Olmeda de Alejandro from Mexico, after a gap of ten years. Anwar Hussain Shaik was in PMI (Permanent Mission of India) Geneva.

i. The Technical Barriers to Trade (TBT) Agreement aims to ensure that technical regulations, standards and conformity assessment procedures are non-discriminatory and do not create unnecessary obstacles to trade.

40. Name the personality who recently (in May'22) resigned as the President of the Indian Olympic Association (IOA).

- 1) Narayana Ramachandran
- 2) Suresh Kalmadi
- 3) Sivanthi Adithan
- 4) Narinder Dhruv Batra
- 5) Abhay Singh Chautala

Answer- **4) Narinder Dhruv Batra**

Explanation:

Narinder Dhruv Batra has stepped down as the President of the Indian Olympic Association (IOA), at the end of his tenure to focus on his role as the President of the International Hockey Federation (FIH).

i. Meanwhile, following the High Court's order, Anil Khanna was named acting chief of the IOA (HC).

ii. In addition, Narinder Dhruv Batra has decided not to seek re-election to the IOA presidency. In 2017, Batra was elected to the IOA for the first time, and he was entitled to run for re-election.

41. Who was recently (in May '22) appointed as the Managing Director (MD) and Chief Executive Officer (CEO) of Bharti Airtel Limited for a period of 5 years?

- 1) Sunil Bharti Mittal
- 2) Gopal Vittal
- 3) Akhil Gupta
- 4) Rajesh Sud
- 5) Rakesh Bharti Mittal

Answer- **2) Gopal Vittal**

Explanation:

The board of directors of Bharti Airtel has **reappointed Gopal Vittal** as the Managing Director (MD) and Chief Executive Officer (CEO) of **Bharti Airtel Limited**, for a further period of 5 years till 31st January 2028.

i. The reappointment of Gopal Vittal was announced on a day on which Airtel consolidated net profit at Rs 2,007.8 crore in the March quarter, up 141% sequentially and 164% on year.

ii. He is not excluded from holding the office of director by virtue of any orders of Securities and Exchange Board of India (SEBI) or other authorities.

42. Name the Indian boxer who was recently (in May '22) elected as the Chairman and a voting member of the International Boxing Association (IBA)'s Athletes Committee.

- 1) Vijender Singh
- 2) Amit Panghal
- 3) Mirabai Chanu
- 4) Lovlina Borgohain
- 5) Shiva Thapa

Answer- **4) Lovlina Borgohain**

Explanation:

As per the International Boxing Association (IBA), India's Tokyo 2020 Olympics Bronze medallist **Lovlina Borgohain** has been selected as the **Chairman and a voting member** on the Board of Directors (BoD) for the **IBA's Athletes Committee**.

- i. Shiva Thapa (IND) was appointed as vice chair of the IBA's Athletes Committee.
- ii. The term of office for the newly elected Athletes' Committee will be until the World Boxing Championships in 2025.

43. Name the personality from India who was recently (in May '22) appointed as an external member of the Monetary Policy Committee (MPC) of the Bank of England.

- 1) Swati Dhingra
- 2) Vinita Gupta
- 3) Sirisha Bandla
- 4) Aruna Jayanthi
- 5) Harpreet Chandi

Answer- **1) Swati Dhingra**

Explanation:

The United Kingdom(UK) Based Indian origin academic Dr **Swati Dhingra**, an Associate Professor of Economics at the London School of Economics (LSE), was appointed as an external member of the Monetary Policy Committee (MPC), the interest rate-setting committee of the Bank of England.

- i. She becomes the **first Indian origin woman** to be appointed as a member of the Bank of England.
- ii. She will be joining the Bank of England's MPC for a 3-year term on 9th August 2022 and she will replace the incumbent external member, Michael Saunders, who has been on the MPC since August 2016.

AWARDS AND RECOGNITIONS

1. Who recently (in April'22) won the Whitley Gold Award 2022 for the 2nd time?

- 1) Priyanka reddy
- 2) Vandana Shiva
- 3) Charudutt Mishra
- 4) Pavan Sukhdev
- 5) Sunita Narain

Answer- **3) Charudutt Mishra**

Explanation:

Renowned conservationist and Snow Leopard Expert **Charudutt Mishra** has been honoured with the Whitley Fund for Nature (WFN)'s **Whitley Gold Award 2022** for his work in 12 snow leopard range countries including Afghanistan, China and Russia.

- i. This marks his **2nd Whitley Gold Award**, he previously won the award in **2005**.

2. Name the scientist from NASA who recently (in May '22) received the World Food Prize 2022 for her research in climate change and food production.

- 1) Rattan Lal
- 2) David Nabarro

- 3) Lawrence Haddad
- 4) Cynthia Rosenzweig
- 5) Howarth Bouis

Answer- **4) Cynthia Rosenzweig**

Explanation:

The Des Moines-based World Food Prize Foundation has conferred the **World Food Prize 2022** to National Aeronautics and Space Administration's (**NASA**) **Cynthia Rosenzweig**, an American agronomist and climatologist, in recognition of her modelling of the **climate crisis' impact on food production**.

- i. The 2022 World Food Prize Laureate was announced by Barbara Stinson, President of the World Food Prize Foundation during a ceremony hosted by the United States(US) Department of State.
- ii. According to the World Food Prize Foundation, the World Food Prize is a prestigious International award conceived as the "Nobel Prize for Food and Agriculture" and it was founded by Nobel Peace Prize Laureate(1970), Norman E Borlaug in 1986.

3. Name the Department that recently (in April'22) won the PM's Award for Excellence in Public Administration, 2020 for its 'One Nation One Ration Card' (ONORC) scheme under the Innovation (General)-Central category.

- 1) Department of Expenditure
- 2) Department of Food and Public Distribution
- 3) Department of Food & Supplies
- 4) Department of Consumer Affairs
- 5) Department of States

Answer- **2) Department of Food and Public Distribution**

Explanation:

The Department of Food and Public Distribution (**DFPD**) has won the Prime Minister's Award for Excellence in Public Administration, 2020 for its 'One Nation One Ration Card' (**ONORC**) scheme under the category Innovation (General)-Central.

- i. Prime Minister Narendra Modi conferred the award on the occasion of the 15th Civil Services Day (21st April 2022).

4. Who recently (in May'22) received the Woman Transforming India Award at the Indo-American Chamber of Commerce(IACC)'s 6th Entrepreneur & Leadership Awards 2022?

- 1) Bina Modi
- 2) Vani Kola
- 3) Suchi Mukherjee
- 4) Radhika Agarwal
- 5) Aditi Gupta

Answer- **1) Bina Modi**

Explanation:

Dr Bina Modi, Chairperson of Modi Enterprises has been honoured with the **Woman Transforming India Award** at the Indo-American Chamber of Commerce(**IACC**)'s **6th** Entrepreneur & Leadership Awards 2022.

- i. Jyotiraditya Scindia, Union Minister, Ministry of Civil Aviation(MCA) presented the award to Dr Bina Modi.

ii. She is the President and Managing Director of Godfrey Phillips India Ltd and Chairperson and Managing Director of Indofil Industries Limited.

5. In May 2022, Priyanka Mohite became the 1st Indian woman to scale 5 peaks above 8,000 metres (m).

All the 5 peaks are located in which mountain Range?

- 1) Himalaya Range
- 2) Purvanchal Range
- 3) Satpura and Vindhaya Range
- 4) Aravalli Range
- 5) Karakoram and Pir Panjal Range

Answer- 1) Himalaya Range

Explanation:

Priyanka Mohite has become the **first Indian woman** to scale **5 peaks** above **8,000 metres (m)** after she climbed the third highest mountain in the world Mount Kanchenjunga (8,586 m), situated in the eastern Himalayas on the border between Sikkim state, northeastern India, and eastern Nepal on May 5, 2022.

i. Mount Kanchenjunga, Mount Everest, Mount Makalu, Mount Lhotse and Mount Annapurna are located in Himalaya Range.

ii. In 2021, The Government of India (GoI) awarded her with the Tenzing Norgay National Adventure Award 2020 for outstanding contribution in the field of land adventure.

6. Name the Indian who recently (in May '22) received the Most Excellent Order of the British Empire (Civil Division) Award 2022 for His Service During the COVID-19 Pandemic.

- 1) Guruswamy Krishnamoorthy
- 2) Suhasini Das
- 3) Ritika Verma
- 4) Veda Krishnamurthy
- 5) Gita Ramaswamy

Answer- 1) Guruswamy Krishnamoorthy

Explanation:

Guruswamy Krishnamoorthy, CEO of Penlon, a world-class British medical technology firm, is likely to receive **the Most Excellent Order of the British Empire (Civil Division) Award 2022** – Honorary Member of the Order of the British Empire (MBE) recognition from the Queen at Buckingham Palace, London, UK. Guruswamy Krishnamoorthy hails from Madurai, Tamil Nadu, India.

i. Guruswamy will be honoured for his contributions to the COVID-19 pandemic ventilator challenge.

7. In May 2022, the 5th Romain Rolland Book Prize of 2022 was awarded to the Bengali translation of the French novel "Meursault, contre-enquête" (The Meursault Investigation).

The book was translated by ____.

- 1) Bhaskar Maiya
- 2) Swapnastha
- 3) Prashanti Talpankar
- 4) Trinanjan Chakraborty
- 5) Vishwanath Bhatt

Answer- **4) Trinanjan Chakraborty**

Explanation:

The **fifth Romain Rolland Book Prize** – Romain Rolland Book Prize 2022 has been awarded to the **Bengali translation of the French novel** “Meursault, contre-enquête” (The Meursault Investigation). The award ceremony was organized by the French Institute in India.

- i. Meursault, contre-enquête is the debut novel of Algerian writer and journalist Kamel Daoud.
- ii. The award was presented to translator **Trinanjan Chakraborty** and publisher Esha Chatterjee of Patra Bharati, a leading publisher of prestigious Bengali books, during the French Literary Festival- French LitFest 2022 at Bikaner House in New Delhi on May 07, 2022.

8. Name the personality who recently (in May'22) won the 'Pulitzer Prizes 2022' award in Journalism under the Feature Photography category?

- 1) Adnan Abidi
- 2) Sanna Irshad Mattoo
- 3) Amit Dave
- 4) Danish Siddiqui
- 5) All the Above

Answer- **5) All the Above**

Explanation:

The winners of the 2022 Pulitzer Prizes in Journalism; Books, Drama and Music; and Special Citations were announced.

- i. Four Indians – Adnan Abidi, Sanna Irshad Mattoo, Amit Dave, and the late Danish Siddiqui of Reuters were awarded 2022 Pulitzer Prizes in Journalism under the Feature Photography category, they were awarded for their images of the COVID-19 toll on India.

9. Name the personality who was recently (in May'22) conferred with the Royal Gold Medal 2022 for Architecture.

- 1) Chitra Vishwanath
- 2) Raj Rewal
- 3) Brinda Somaya
- 4) Anupama Kundoo
- 5) Balkrishna Vithaldas Doshi

Answer- **5) Balkrishna Vithaldas Doshi**

Explanation:

The Indian Architect **Balkrishna Vithaldas Doshi** was bestowed with the prestigious **Royal Gold Medal 2022**, one of the world's highest honours for architecture, by the Royal Institute of British Architects (RIBA), London, United Kingdom (UK).

- i. In 2018 he received the Pritzker Architecture Prize which is considered as Nobel Prize in Architecture and he will be the only Indian Architect to hold both the Pritzker Architecture Prize and Royal Gold Medal.
- ii. He was honoured with Padma Shri in 1976 for science and engineering and Padma Bhushan, India's third-highest Civilian in 2020 for his contribution to the field of architecture.

10. Name the Nobel prize-winning who recently (in May'22) received the Templeton Prize 2022?

- 1) Giorgio Parisi
- 2) Roger Penrose
- 3) Frank Wilczek
- 4) Manabe Syukuro
- 5) Klaus Hasselmann

Answer- **3) Frank Wilczek**

Explanation:

American Theoretical physicist and author, **Dr Frank Wilczek**, who won the **Nobel Prize** (Physics) in 2004, has been **awarded the Templeton Prize 2022**, the world's largest individual lifetime achievement award, valued at over USD 1.3 million.

- i. He became the **6th Nobel laureate** to receive the Templeton Prize since its inception in 1972.
- ii. John Templeton established the Templeton Prize for Progress in Religion (now known simply as the Templeton Prize in 1972.

11. Which of the following points are 'correct' with respect to the Forbes Global 2000 List 2022 released in May 2022?

- 1) Berkshire Hathaway, United States of America (USA) tops the list for the 1st time.
- 2) Mukesh Ambani's Reliance Industries Limited (RIL) was ranked 53rd on the list (global) and 1st among Indian companies.
- 3) The ONGC (global rank: 209) was ranked as India's 2nd largest with a market value of USD24.39 billion.
- 4) Only 1 & 2
- 5) Only 2 & 3

Answer- **4) Only 1 & 2**

Explanation:

According to the Forbes Global 2000 List 2022, which ranks the world's largest companies using 4 metrics (sales, profits, assets, and market value):

- **Berkshire Hathaway**, United States of America (USA) **tops the list** for the first time since Forbes started publishing the Global 2000 in 2003.
- Mukesh Ambani's Reliance Industries Limited (**RIL**) was ranked **53rd** on the list (global) and 1st among Indian companies.
- Reliance Industries is followed by the **State Bank of India** (SBI) (global rank: 105) as India's 2nd largest with a market value of USD 58.39 billion.

12. Name the personality who recently (in May'22) topped the Forbes' Top 10 List (2022) of the World's Highest-Paid Athletes.

- 1) Roger Federer
- 2) LeBron James
- 3) Cristiano Ronaldo
- 4) Tom Brady
- 5) Lionel Messi

Answer- **5) Lionel Messi**

Explanation:

Lionel Messi, a football player from Argentina is reportedly earning pre-tax gross earnings of \$130 million a year from on-field and off-field pursuits on the **Forbes' Top 10 List 2022** of the World's Highest-Paid Athletes followed by LeBron James, an American professional basketball player, and Cristiano Ronaldo, a Portuguese Professional Footballer.

i. Forbes' top 10 list of the world's highest-paid athletes includes three soccer players (Football), four basketballers, one tennis legend, a professional American football league i.e National Football League (NFL) icon and a boxing champion.

13. Name the bank that recently (in May '22) won the 6 national awards from the Pension Fund Regulatory and Development Authority (PFRDA) in different categories for enrollment of Atal Pension Yojana (APY).

- 1) Maharashtra Gramin Bank
- 2) Karnataka Vikas Grameena Bank
- 3) Uttarakhand Gramin Bank
- 4) Kerala Gramin Bank
- 5) Andhra Pragathi Grameena Bank

Answer- **2) Karnataka Vikas Grameena Bank**

Explanation:

Karnataka Vikas Grameena (**KVG**) Bank, the leading regional rural bank, headquartered in Dharwad, Karnataka, has won **6 national awards** from Pension Fund Regulatory and Development Authority (**PFRDA**) in different categories for outstanding achievement under enrolment of Atal Pension Yojana (**APY**).

- i. PFRDA regulates the flagship Atal Pension Yojana (APY) and the National Pension System (NPS).
- ii. The bank is also playing a vital role in implementing the 3 social security schemes of the Government of India (GoI): Pradhan Mantri Suraksha Bima Yojana (PMSBY); Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY) and Atal Pension Yojana (APY).

14. Who was recently (in May '22) received an Honorary Commander of the Order of The British Empire (CBE)?

- 1) Nisaba Godrej
- 2) Rishi Parda
- 3) Sajjan Jindal
- 4) Ajay Piramal
- 5) Sanjiv Puri

Answer- **4) Ajay Piramal**

Explanation:

Ajay Piramal, Chairman of Mumbai based **Piramal Group**, has received an Honorary Commander of the Order of The British Empire (**CBE**) by Her Majesty the Queen.

i. Ajay Piramal received the award for services to the UK-India trade relationship as India co-chair of the UK-India CEO forum and he has been co-chair of India-UK CEO Forum since 2016.

About Honorary Commander of The Order of The British Empire

- A prominent national role of a lesser degree, a conspicuous leading role in regional affairs through achievement or service to the community, or a highly distinguished, innovative contribution in his or her area of activity.

15. India's ASHA Workers are Among 6 Winners of the World Health Organisation (WHO) Director-General's Global Health Leaders Award 2022 for their "crucial role" towards healthcare in rural areas.

In ASHA, what does 1st 'A' stand for?

- 1) Acquired
- 2) Accredited
- 3) Activists
- 4) Associated
- 5) Additional

Answer- 2) Accredited

Explanation:

India's one million all-women **Accredited Social Health Activists** (ASHA) workers, were honoured with the World Health Organisation (WHO) Director-General's Global Health Leaders Award 2022 for their "crucial role" in providing direct access to healthcare facilities in rural areas and their indefatigable efforts to rein in the coronavirus pandemic in the country.

i. ASHA in Hindi means '**Hope**', The ASHA workers are Indian government's affiliated health-care workers who are the first point of contact in rural India.

ii. They worked to provide maternal care and immunisation for children against vaccine preventable diseases, community health care, treatment for hypertension and tuberculosis, and core areas of health promotion for nutrition, sanitation, and healthy living.

16. Name the personality from Kenya who recently (in May'22) received the first Aster Guardians Global Nursing Award 2022.

- 1) Rachel Abraham Joseph
- 2) Anna Qabale Duba
- 3) Lincy Padicala Joseph
- 4) Florence Nightingale
- 5) Manju Dhandapani

Answer- 2) Anna Qabale Duba

Explanation:

Anna Qabale Duba, a nurse from Marsabit County in **Kenya**, became the **winner of First Aster Guardians Global Nursing Award 2022** at an award ceremony held at Atlantis the Palm in Dubai.

i. His Highness Sheikh Ahmed bin Saeed Al Maktoum, President of Dubai Civil Aviation Authority, Chairman of Dubai Airports, and Chairman and Chief Executive Officer of Emirates Airline and Group, honoured the winner in the award event.

ii. Aster DM Healthcare has launched the Aster Guardians Global Nursing Award on International Nurses Day 2021(12th May 2021) to recognise the phenomenal contribution of nurses to humanity .

17. Which of the following Indian personalities were among the list of 100 Most Influential People of 2022 published by TIME magazine in May 2022?

- 1) Gautam Adani
- 2) Karuna Nundy
- 3) Mukesh Ambani
- 4) Both 1 & 2
- 5) Both 1 & 3

Answer- 4) Both 1 & 2

Explanation:

Gautam Adani, Chairman and founder of the Adani Group, Supreme Court lawyer and public activist **Karuna Nundy** and Kashmiri rights activist **Khurram Parvez** were among the list of 100 Most Influential People of 2022 published by TIME magazine, an American news magazine. The list has been divided into six categories: Icons, Pioneers, Titans, Artists, Leaders and Innovators.

- Gautam Adani's Adani Group is the World's 6th largest economy. Adani has been listed under the Titans category of the list.
- Karuna Nundy is a champion of women's rights who has worked to reform the antirape laws.
- Khurram Parvez, Chairperson of the Asian Federation against Involuntary Disappearances. He has fought against human rights violations and injustices in the Kashmir region and Karuna Nundy and Khurram Parvez were listed under the Leaders category.

18. Who recently (in May '22) received the Bangla Academy Award for the "Kabita Bitan" book?

- 1) Mamata Banerjee
- 2) Samaresh Majumdar
- 3) Ratna Rashid Banerjee
- 4) Taslima Nasrin
- 5) Debesh Roy

Answer- 1) **Mamata Banerjee**

Explanation:

West Bengal Chief Minister **Mamata Banerjee** received the **Bangla Academy Award** for her 'relentless literary pursuit'. The award was presented for her book "**Kabita Bitan**", which pays tribute to the best writers of West Bengal and the book contains a collection of over 900 poems.

- i. The Bangla Academy Award was introduced in 2022 by Sahitya Akademi and the book, 'Kabita Bitan', was released at the 2020 International Kolkata Book Fair.
- ii. The Award was received by state Education Minister Bratya Basu on behalf of Mamata Banerjee.

19. Which company recently (in May'22) received the first prize for the year 2020-21 for excellent implementation of Rajbhasha?

- 1) Bharat Heavy Electricals Limited
- 2) Satluj Jal Vidyut Nigam Limited
- 3) National Hydroelectric Power Corporation Limited
- 4) National Thermal Power Corporation Limited
- 5) National Mineral Development Corporation

Answer- 3) **National Hydroelectric Power Corporation Limited**

Explanation:

Union Minister of Power and New and Renewable Energy, Raj Kumar Singh, chaired the meeting of Hindi Salahkar Samiti and conferred **NHPC** (Formerly National Hydroelectric Power Corporation) **Limited** with the first prize for the year 2020-21 and the second prize for the year 2018-19 for excellent implementation of Rajbhasha.

- i. Abhay Kumar Singh, Chairman and Managing Director (CMD) of NHPC Limited received these awards from the Union Minister of Power in the meeting.
- ii. NHPC has also been awarded "Rajbhasha Kirti Puraskar" nine times by the Government of India for its excellent work in the field of implementation of Rajbhasha.

20. Cécile Ndjebet recently (in May '22) won the Wangari Maathai Forest Champions Award 2022. She is an activist from which country?

- 1) Gabon
- 2) Senegal
- 3) Gambia
- 4) Cameroon
- 5) Nigeria

Answer- 4) Cameroon

Explanation:

Cécile Ndjebet, Activist from **Cameroon (central Africa)** was honoured with the **2022 Wangari Maathai Forest Champions Award** for her contribution to preserving forests and improving the lives of people dependent on forests. The **6th** Wangari Maathai Award Ceremony (**2022**) was hosted by the Korea Forest Service (**KFS**).

i. The award was presented by the Collaborative Partnership on Forests (CPF), chaired by the Food and Agriculture Organization of the United Nations (FAO) at a ceremony during the XV(15th) World Forestry Congress in Seoul, Republic of Korea.

ii. The award was established in 2012 by the CPF in memory of Wangari Muta Maathai, a Kenyan environmentalist and Nobel Peace Prize (2004) winner and the award to recognise inspiring individuals who have helped preserve, restore and sustainably manage forests.

21. Name the personality from India who recently (in May '22) received the Order of British Empire (OBE) award.

- 1) Gurpratap Boparai
- 2) Rupa Vora
- 3) Piyush Arora
- 4) Kishore Jayaraman
- 5) Satinder Singh

Answer- 4) Kishore Jayaraman

Explanation:

The Officer of the Order of the British Empire (OBE) was presented by the Queen of England to **Kishore Jayaraman**, President of Rolls-Royce for India and South Asia region, for his services to international trade and investment with a key focus on promotion of India-United Kingdom (UK) trade deal.

i. Kishore Jayaraman is a board member of the UK-India Business Council (UKIBC), a non-profit organisation which supports setting up UK businesses in India.

22. Who recently (in May '22) won the International Booker Prize for Translated Fiction 2022 for the first Hindi Novel 'Tomb of Sand' & became the 1st Indian to win the prize?

- 1) Namita Gokhale
- 2) Preeti Shenoy
- 3) Arundhati Roy
- 4) Geetanjali Shree
- 5) Indira Dangi

Answer- 4) Geetanjali Shree

Explanation:

Geetanjali Shree won the 2022 International Booker Prize for Translated Fiction for her Hindi Novel **Tomb of Sand** and became the **1st Indian to win the prize**. The book became the 1st Indian-language book to be recognised by the award and this is the first novel translated from Hindi to win the award. The award is annually presented by the Booker Prize Foundation.

- i. The book originally written in Hindi as "Ret Samadhi" (published in 2018) was translated into English by Daisy Rockwell.
- ii. 'Tomb of Sand' is the first book of Geetanjali Shree to be published in the United Kingdom (UK) in English by Tilted Axis Press in August 2021.
- iii. The International Booker Prize was instituted in 2005 as the "Man Booker International Prize" and is awarded every year for a single book that is translated into English and published in the UK or Ireland.

23. Who was recently (in May'22) won the William E. Colby Military Writers' Award 2022 for his book "The Hardest Place: The American Military Adrift in Afghanistan's Pech Valley"?

- 1) Wesley Morgan
- 2) Adam Higginbotham
- 3) Mark G. Kortepeter
- 4) Nisid Hazari
- 5) Jobie Turner

Answer- **1) Wesley Morgan**

Explanation:

William E. Colby Military Writers' Award 2022 (23rd edition) for military and intelligence writing went to author and American journalist **Wesley Morgan** for his work **The Hardest Place: The American Military Adrift in Afghanistan's Pech Valley**, is a collection of his reports on the wars in Afghanistan and Iraq for The New York Times, the Washington Post and other outlets.

- i. William E. Colby Military Writers' Award was established in 1999 by the William E. Colby Military Writers' Symposium at Norwich University in Vermont in order to recognize "a first work of fiction or non-fiction that has made a major contribution to the understanding of intelligence operations, military history, or international affairs.

24. Which country tops the 7th edition of the Forbes 30 Under 30 Asia List 2022 released in May 2022?

- 1) China
- 2) India
- 3) Japan
- 4) Australia
- 5) Singapore

Answer- **2) India**

Explanation:

Forbes magazine has released the **7th edition of the Forbes 30 Under 30 Asia List 2022**, featuring 10 categories each honouring 30 individuals under the age of 30. The list was edited by Rana Wehbe Watson.

- i. The honourees on the list represent 22 countries and territories across the Asia-Pacific region. **India** tops the list in terms of the number of entries with 61, followed by Singapore (34), Japan (33), Australia (32), Indonesia (30) and China (28).
- ii. The average age of the 2022 list is 26.8 and the youngest honouree on the list is 14-year old Japanese Olympics skateboarding gold-medalist Momiji Nishiya.

25. Name the personality who recently (in May' 22) won the V Shantaram Lifetime Achievement award at the 17th edition of the Mumbai International Film Festival of India (MIFF) 2022.

- 1) Sudhir Mishra
- 2) Deepa Mehta
- 3) Sanjit Narwekar
- 4) Nandita Das
- 5) Sabrina Dhawan

Answer- **3) Sanjit Narwekar**

Explanation:

Eminent Documentary filmmaker and author **Sanjit Narwekar** was conferred with V Shantaram Lifetime achievement award at the 17th edition of the Mumbai International Film Festival of India (MIFF) 2022, for his contribution to films through his writings especially film history and the documentary film movement.

- i. Sanjit Narwekar received an award along with a cash prize of Rs 10 lakhs (Rs 1 million), Golden Conch and a citation.
- ii. Narwekar has written and edited more than 20 books on cinema, including 'Marathi Cinema in Retrospect', which got him the 'Swarna Kamal' at the National Film Awards.

26. Who recently (in May '22) received the Immunization Champion award by the United Nations International Children's Emergency Fund (UNICEF) at the annual Radio4Child 2022 Awards?

- 1) Umar Nisar
- 2) Anurag Pandey
- 3) Salil Acharya
- 4) Ameen Sayani
- 5) Siddharth Kannan

Answer- **1) Umar Nisar**

Explanation:

Radio Jockey **Umar Nisar** (RJ Umar) from South Kashmir, has been awarded the '01 Best Content Award' and the Immunization Champion award by United Nations International Children's Emergency Fund (**UNICEF**) at the annual Radio4Child 2022 Awards in Mumbai, Maharashtra.

- i. The award has been conferred to Umar for his work of providing awareness and countering rumours to reach audiences during the pandemic.
- ii. The Radio4Child felicitated radio professionals from private FM and All India Radio from across the country for their commendable work during the COVID-19 pandemic as well as for routine vaccination.

SUMMITS, CONFERENCES

1. Which of the following points are 'correct' with respect to India's 1st 'SemiconIndia 2022' conference?

A) PM Narendra Modi inaugurated India's 1st 'SemiconIndia 2022' conference in Bengaluru, Karnataka with the theme of 'Design and Manufacture Semiconductor products in India'.

B) India's DIR-V signed 5 MOUs with Sony, BEL, ISRO, Atomic Energy for various Applications and Design Wins.

C) The Karnataka state government signed an MoU with ISMC Analog Fab Private Limited to set up India's 1st and largest Rs 22,900 cr Semiconductor Fabrication Plant.

1) Only A

2) Only C

3) Only A & B

4) Only B & C

5) All A, B & C

Answer- 4) Only B & C

Explanation:

PM Narendra Modi inaugurated India's **1st 'SemiconIndia 2022' conference** in Bengaluru, Karnataka with the theme of '**Catalyzing India's Semiconductor Ecosystem**'.

i. India's DIR-V signed 5 MOUs with Sony, BEL, ISRO, Atomic Energy for various Applications and Design Wins.

ii. The Karnataka state government signed an MoU with ISMC Analog Fab Private Limited to set up India's 1st and largest Rs 22,900 cr Semiconductor Fabrication Plant.

2. In May 2022, PM Narendra Modi, addressed the inaugural ceremony of "JITO Connect 2022", 3 days global summit in Pune, Maharashtra.

What is the theme of the Summit?

1) Trade and Investment

2) Environment and Energy

3) Together Towards Tomorrow

4) Innovation Trading

5) Global Economy

Answer- 3) Together Towards Tomorrow

Explanation:

Prime Minister(PM) Narendra Modi, virtually addressed the inaugural ceremony of "**JITO Connect 2022**" a 3 day global summit organised by the Jain International Trade Organisation (JITO) held in Pune, Maharashtra from 6th to 8th May 2022.

i. JITO Connect 2022 is one of the World's Largest and Coveted global summits.

ii. The theme of the summit was "**Together Towards Tomorrow**".

3. Which of the following points are 'Correct' with respect to the 1st Incredible India International Cruise Conference 2022?

A) 1st Incredible India International Cruise Conference 2022(IIICC-2022) was held at Mumbai, Maharashtra with the 'Captain Cruzo' mascot

B) It was jointly organized by the Ministry of Ports, Shipping & Waterways, Government of India and FICCI (Federation of Indian Chambers of Commerce & Industry).

C) Eight MoUs were signed between Mumbai Port Trust, Inland Waterways Authority of India (IWAI).

1) Only A

2) Only B

3) Only A & B

4) Only B & C

5) All A, B & C

Answer- 5) All A, B & C

Explanation:

The 2 day 1st Incredible India International Cruise Conference 2022(IIICC-2022) was held at Mumbai, Maharashtra with the '**Captain Cruzo**' mascot and the IIICC was inaugurated by Union Minister Shri Sarbananda Sonowal, Ministry of Ports, Shipping and Waterways(MoPS&W) along with Minister of State (MoS) Shri Shripad Naik, (MoPS&W).

i. It was jointly organized by the Ministry of Ports, Shipping & Waterways, Government of India and FICCI (Federation of Indian Chambers of Commerce & Industry).

ii. Eight Memorandum of Understanding (MoUs) were signed between Mumbai Port Trust, Inland Waterways Authority of India (IWAI).

iii. The government has set up a Task Force under the Secretary in the Ministry of Tourism and the Shipping secretary as its vice-chairman.

4. In May 2022, PM Narendra Modi participated in the ____ Global COVID Virtual Summit.

1) Fifth

2) First

3) Third

4) Second

5) Fourth

Answer- 4) Second

Explanation:

On 12th May 2022, Prime Minister (**PM**) Narendra Modi participated in the **Second** Global COVID Virtual Summit. He was invited by Joseph R. Biden Jr, President of the United States of America(USA).

i. He addressed the opening session of the summit on the theme "Preventing Pandemic Fatigue and Prioritizing Preparedness".

ii. PM Modi also participated in the first Global COVID virtual Summit hosted by President Biden on 22 September 2021.

5. Which of the following points are correct with respect to the 5th session of the Conference of the Parties (COP15) of the United Nations Convention to Combat Desertification (UNCCD) held in May 2022?

A) The 15th session of the COP15 of the UNCCD, which was hosted by Côte d'Ivoire for the first time in Abidjan on the theme "Land. Life. Legacy: From scarcity to prosperity".

B) In the conference, the Indian delegation was led by the Union Minister Bhupender Yadav, Ministry of Environment, Forest and Climate Change (MoEF&CC).

C) The UNCCD COP15 adopted 38 decisions and also 3 Declarations were issued during COP15.

1) Only A

2) Only B

3) Only A & B

4) Only B & C

5) All A, B & C

Answer- 5) All A, B & C

Explanation:

The 15th session of the Conference of the Parties (COP15) of the United Nations Convention to Combat Desertification (UNCCD), which was hosted by Côte d'Ivoire for the first time in Abidjan on the theme "Land. Life. Legacy: From scarcity to prosperity".

i. The Indian delegation was led by the Union Minister Bhupender Yadav, Ministry of Environment, Forest and Climate Change (MoEF&CC) which highlighted the developments during India's presidency.

- India hosted the UNCCD COP-14 on September 2-13, 2019, at New Delhi, Delhi and is serving as its President for 2019-2022.

ii. The UNCCD COP15 adopted 38 decisions, including on tenure, migration and gender that highlight the role of land in addressing multiple crises and 3 Declarations issued during COP15

6. Which country hosted the Shanghai Cooperation Organisation Regional Anti-Terrorist Structure (SCO-RATS) summit in May 2022?

1) China

2) Kazakhstan

3) Uzbekistan

4) Tajikistan

5) India

Answer- 5) India

Explanation:

India hosted the Shanghai Cooperation Organisation Regional Anti-Terrorist Structure (**SCO-RATS**) **summit 2022** in New Delhi, Delhi from 17th to 19th May 2022.

i. India's National Security Council Secretariat (NSCS) under NSA Ajit Doval organised the SCO-RATS Summit 2022 and the member states of SCO discussed boosting cooperation in combating various regional security challenges.

ii. The major focus of the meeting was on the situation in Afghanistan and dealing with the threat from terror groups active in the country ruled by the Taliban.

7. Which of the following points is 'Incorrect' with respect to the QUAD (Quadrilateral) Leaders' Meeting 2022 held in May 2022?

- 1) PM Narendra Modi participated in the 3rd QUAD (Quadrilateral) Leaders' Meeting 2022 in Melbourne, Australia.
- 2) During the meeting, the announcement of a Quad Climate Change Adaptation and Mitigation Package (Q-CHAMP) was made with 2 themes: 'mitigation' and 'adaptation'.
- 3) The leaders also extended more than \$50billion in infrastructure assistance and investment in the Indo-Pacific over the next 5 years.
- 4) During the meeting US President Joe Biden launched the Indo-Pacific Economic Framework for Prosperity (IPEF) to strengthen economic partnership amongst participating countries.
- 5) The Government of India (GoI) and the Government of the US have signed an Investment Incentive Agreement (IIA).

Answer- 1) PM Narendra Modi participated in the 3rd QUAD (Quadrilateral) Leaders' Meeting 2022 in Melbourne, Australia.

Explanation:

Prime Minister (PM) of India Narendra Modi participated in the 4th and 2nd in-person QUAD (Quadrilateral) Leaders' Meeting 2022 in **Tokyo, Japan** on 24 May 2022 along with the United States (US) President Joseph Robinette Biden Jr.; Japanese PM Fumio Kishida and PM of Australia, Anthony Norman Albanese.

- During the meeting, announcement of a Quad Climate Change Adaptation and Mitigation Package (**Q-CHAMP**) was made with 2 theme 'mitigation' and 'adaptation'.was made with 2 theme 'mitigation' and 'adaptation' to strengthen the efforts towards green shipping, clean energy cooperation in clean hydrogen.
- The leaders also extended more than \$50bn in infrastructure assistance and investment in the Indo-Pacific over the next 5 years.
- During the meeting US President Joe Biden launched the Indo-Pacific Economic Framework for Prosperity (IPEF) in Tokyo to strengthen economic partnership amongst participating countries.
- The Government of India (GoI) and the Government of the US have signed an Investment Incentive Agreement (IIA) in Tokyo.
- PM Narendra Modi chaired the roundtable with Japanese Business Leaders in Tokyo, PM was invited greater participation by Japanese companies in India and proposed celebrating Japan's contribution to India's development journey in the form of a 'Japan Week'.

8. Which of the following points are 'correct' with respect to the recent (as of May'22) step taken by the BRICS countries?

A) The BRICS countries (Brazil, Russia, India, China, and South Africa) established the "BRICS Joint Committee on Space Cooperation.

B) External Affairs Minister (EAM) S Jaishankar participated virtually in the BRICS Foreign Ministers' Meeting 2022, which was hosted by Brazil.

C) Meenakshi Lekhi, Minister of State (MoS) for Culture and External Affairs, participated in the 7th BRICS Culture Ministers' Meeting 2022 with the theme "Establishing a Cultural Partnership Featuring Inclusiveness and Mutual Learning within BRICS."

- 1) All A, B & C
- 2) Only B & C

3) Only A & C

4) Only C

5) Only A

Answer- **3) Only A & C**

Explanation:

The BRICS countries (Brazil, Russia, India, China, and South Africa) established the “BRICS Joint Committee on Space Cooperation”, bringing a new era of cooperation in the fields of remote sensing satellite observation and data sharing.

i. External Affairs Minister (EAM) S Jaishankar participated virtually in the BRICS Foreign Ministers’ Meeting 2022, which was hosted by **China**.

ii. Meenakshi Lekhi, Minister of State (MoS) for Culture and External Affairs, participated in the 7th BRICS Culture Ministers’ Meeting 2022 with the theme “Establishing a Cultural Partnership Featuring Inclusiveness and Mutual Learning within BRICS.” The meeting was hosted by the People’s Republic of China.

9. Which of the following point is ‘Incorrect’ with respect to the World Economic Forum Annual Meeting 2022?

1) The 50th Annual World Economic Forum (WEF) Annual Meeting was held in Davos-Klosters, Graubunden, Switzerland on the theme “The Great Reset”.

2) Union Minister of Commerce & Industry Piyush Goyal led the delegation of Ministers, Chief Ministers (CMs) and business leaders at the WEF.

3) In accordance with the ‘Edelman Trust Barometer Special Report: The Geopolitical Business’, Indian companies have emerged as the most trusted by the domestic population.

4) India has joined the US-led First Movers Coalition, a flagship Public-Private Partnership (PPP) to clean up the most carbon-intensive industry sectors.

5) WEF has launched the India chapter of the Alliance of CEO Climate Action Leaders to supercharge India’s climate action and decarbonization efforts.

Answer- **1) The 50th Annual World Economic Forum (WEF) Annual Meeting was held in Davos-Klosters, Graubunden, Switzerland on the theme “The Great Reset”.**

Explanation:

The **52nd** Annual World Economic Forum (WEF) Annual Meeting was held in Davos-Klosters, **Graubunden, Switzerland** on the theme ‘**Working Together, Restoring Trust**’.

- Union Minister of Commerce & Industry Piyush Goyal led the delegation of Ministers, Chief Ministers (CMs) and business leaders at the WEF.
- In accordance with the ‘Edelman Trust Barometer Special Report: The Geopolitical Business’, Indian companies (89%, with a gain of 4% since January 2022) have emerged as the most trusted by the domestic population, followed by China.
- India has joined the US-led First Movers Coalition, a flagship Public-Private Partnership (PPP) to clean up the most carbon-intensive industry sectors.
- WEF has launched the India chapter of the Alliance of CEO Climate Action Leaders to supercharge India’s climate action and decarbonization efforts, as a part of WEF’s Climate Action Platform.
- WEF is building a ‘Global Collaboration Village’ as the virtual future of public-private cooperation, in collaboration with Accenture and Microsoft.

COMMITTEE AND MEETING

1. The BRICS countries agreed to launch a 'Pandemic Early Warning System' during the 12th meeting of BRICS health ministers in May 2022.

Which country hosted the meeting?

- 1) India
- 2) Brazil
- 3) Russia
- 4) China
- 5) South Africa

Answer- 4) China

Explanation:

During the **12th** meeting of **BRICS** (Brazil, Russia, India, China, and South Africa) **health ministers**, virtually hosted by **China**, the BRICS countries have agreed to launch an early warning system for large scale pandemics.

i. Around 70 attendees including the health ministers from BRICS countries and the deputy director-general of the World Health Organization (WHO) participated in the meeting.

Note- China is set to host the BRICS Summit in Xiamen, China in June 2022.

2. Which country recently (in May '22) launched the 'Start-Up Bridge' along with India at Economic Partnership Summit 2022?

- 1) Maldives
- 2) Bhutan
- 3) United Arab Emirates
- 4) Nepal
- 5) Japan

Answer- 3) United Arab Emirates

Explanation:

Union Minister Piyush Goyal, Ministry of Commerce & Industry (MoCI), and Abdulla Bin Touq Al Marri, Minister of Economy, United Arab Emirates (UAE) launched '**India-UAE Start-Up Bridge**' at India-UAE Economic Partnership Summit 2022 in Mumbai, Maharashtra which was organized by the Confederation of Indian Industry (CII) on the theme 'India UAE CEPA - Unleashing the Golden Era'.

i. This is the **first** such bridge/platform by the **UAE** with any country and India-UAE Partnership is best defined by its tagline 'Openness, Opportunity and Growth'

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1. In May 2022, Food and Agriculture Organization (FAO) released "The State of the World's Forests (SOFO) 2022 report that highlights _____ of total forest area on Earth lost in 30 years.

- 1) 10.34%
- 2) 9.2%
- 3) 5.2%
- 4) 15.72%

5) 20.13%

Answer- **1) 10.34%**

Explanation:

The Food and Agriculture Organization of the United Nations (**FAO**) released its flagship publication “**The State of the World’s Forests (SOFO) 2022: Forest Pathways for Green Recovery and Building Inclusive, Resilient and Sustainable Economies**”. This is part of The State of the World series of the FAO.

i. The report states that since 1990, around 420 million hectares(Mha)-approximately **10.34%**, of forest have been lost through conversion to other land uses. Now

2. Which of the following points are ‘correct’ with respect to the THE Impact Rankings 2022 released by Times Higher Education (THE)?

A) Western Sydney University in Australia is named as the number one in the world followed by Arizona State University (Tempe), United States.

B) With 64 universities on the ranking, India has become the 4th most well-represented country jointly with Turkey and 8 Universities from India are among the top 300 universities in the world.

C) Amrita Vishwa Vidyapeetham, Tamil Nadu has secured 41st Rank in THE Impact Rankings 2022, the only Indian University among the top 50.

1) Only A

2) Only B

3) Only A & B

4) Only A & C

5) All A, B & C

Answer- **5) All A, B & C**

Explanation:

As per the Times Higher Education (**THE**) released **THE Impact Rankings 2022** (4th edition) **Western Sydney University in Australia** is named as the number one in the world followed by Arizona State University (Tempe), United States and Western University, Canada.

i. With 64 universities on the ranking, **India** has become the **4th most well-represented country**(Jointly with Turkey) and **8 Universities** from India are among the top 300 universities in the world.

ii. Amrita Vishwa Vidyapeetham, Coimbatore, Tamil Nadu has secured 41st Rank in THE Impact Rankings 2022, the only Indian University among the top 50.

3. As per the 20th World Press Freedom Index (WPFI) 2022 released by Reporters Without Borders (RSF), India secured the ____ rank out of 180 countries, while ____ tops the Index.

1) 142nd; Finland

2) 150th; Norway

3) 153nd; Denmark

4) 142nd; Norway

5) 150th; Denmark

Answer- **2) 150th; Norway**

Explanation:

On the occasion of World Press Freedom Day (WPDF) i.e. on May 3, 2022, the Reporters Without Borders (**RSF**) released its 20th World Press Freedom Index (**WPFI**) **2022** stating a fall in India's press freedom ranking to **150th** with a score of 41 in the **2022** from 142nd in 2021 out of 180 countries.

- i. The list has been topped by **Norway** (1st) with a score of 92.65 and followed by Denmark (2nd), Sweden (3rd) Estonia (4th) and Finland (5th).
- ii. North Korea remained at the bottom of the list (i.e.180th Rank).

4. In May 2022, the United Nations (UN) launched the UN-Energy Plan of Action Towards _____, to support the transition to clean, affordable energy for all & net-zero emissions.

- 1) 2028
- 2) 2026
- 3) 2024
- 4) 2023
- 5) 2025

Answer- **5) 2025**

Explanation:

The United Nations (**UN**) launched the **UN-Energy Plan of Action Towards 2025**, amid global energy crisis and worsening climate emergency. It will catalyze the large-scale action and support needed for the transition to clean, affordable energy for all and net-zero emissions and it was launched by some 30 leading organizations comprising UN-Energy.

- i. An Energy Compact Action Network was also launched to match those governments seeking support for their clean energy goals with those governments and businesses that have pledged over \$600 billion to support these commitments.

5. As per the 6th annual Global Report on Food Crises (GRFC) 2022: Joint Analysis for Better Decisions, which highlights that _____ people in 53 countries suffered acute food insecurity in 2021.

- 1) 100 million
- 2) 350 million
- 3) 193 million
- 4) 150 million
- 5) 200 million

Answer- **3) 193 million**

Explanation:

The 6th annual Global Report on Food Crises (GRFC) titled "**Global Report on Food Crises 2022: Joint analysis for better decisions**" (**GRFC 2022**), flagship publication of the Global Network Against Food Crises (**GNAFC**) and is facilitated by the Food Security Information Network (**FSIN**) states that around **193 million people** in 53 countries suffered acute food insecurity in 2021 due to conflict, weather extremes, and the economic effects of the coronavirus pandemic.

- i. GRFC is jointly produced by the Food and Agriculture Organization (FAO) of the United Nations (UN), the World Food Programme (WFP), and the European Union (EU).

6. As per the '2021 Q4 & Annual India Solar Market Update report' released by Mercom Communication India, India installed a record ____ of new solar capacity in 2021.

- 1) 8.9 GW
- 2) 12.2 GW
- 3) 7.6 GW
- 4) 10 GW
- 5) 9.2 GW

Answer- 4) 10 GW

Explanation:

India installed a record **10 GW** of new solar capacity in **2021**, a big jump of 210% year-over-year (YoY) compared to 3.2 GW installed in 2020, according to Mercom India Research's recently released report titled "**2021 Q4 & Annual India Solar Market Update**"

The report was released by Mercom Communication India, a subsidiary of US based Mercom Capital Group.

MERCOM's Findings:

- i.** Highest ever capacity of solar installations in a year in India and the cumulative installed solar capacity stood at 49.3 GW, development of a pipeline of over 53 GW.
- ii.** Rajasthan, Gujarat and Uttar Pradesh (top three states) in 2021 contributed to around 79% of the installations in 2021.

7. Which organisation recently (in May'22) released a report titled "Fostering Effective Energy Transition 2022" that indicates urgent action is required to ensure a resilient transition amid the most severe energy crisis since the 1970s?

- 1) United Nations Capital Development Fund
- 2) United Nations Development Programme
- 3) International Monetary Fund
- 4) World Bank
- 5) World Economic Forum

Answer- 5) World Economic Forum

Explanation:

The World Economic Forum (WEF)'s new report titled "**Fostering Effective Energy Transition 2022**" indicates that urgent action is required by both private and public sectors to ensure a resilient transition amid the most severe energy crisis since the 1970s.

- i.** The report is built on 10 years of Energy Transition Index, an annual country benchmarking report and this special edition report, launched by WEF in collaboration with Accenture, provides detailed key recommendations for governments, companies, consumers and other stakeholders on how to progress the energy transition.

8. Which organisation released the '1st Global Report on Infection Prevention and Control' report with key findings that 70% of those infections can be prevented with good hand hygiene?

- 1) United Nations Programme on HIV/AIDS (UNAIDS)
- 2) World Health Organization (WHO)
- 3) United Nations Environment Programme (UNEP)
- 4) United Nations Children's Fund (UNICEF)

5) United Nations Human Settlement Programme (UN-Habitat)

Answer- **2) World Health Organization (WHO)**

Explanation:

On the occasion of World Hand Hygiene Day (WHHD) i.e. on May 5, 2022, the World Health Organization (**WHO**) launched the **1st Global Report on Infection Prevention and Control** stating **70%** of those infections can be prevented with good hand hygiene and other cost-effective practices.

i. As per the report, Healthcare-associated infections (HAI) are among the most frequent adverse events occurring during health service delivery. On average, 1 in every 10 affected patients will die from their HAI.

ii. In 2020-21, only 4 of 106 assessed countries met all of the WHO's minimum requirements for national Infection Prevention and Control (IPC).

Note- The WHHD 2022 was observed on 5th May 2022 with the theme of "A health care "quality and safety climate or culture" that values hand hygiene and infection prevention and control".

9. As per the World Bank's Migration and Development Brief 36 (May 2022) report, which country retained its position as the top recipient of remittances globally in 2021?

- 1) Egypt
- 2) Mexico
- 3) Philippines
- 4) India
- 5) China

Answer- **4) India**

Explanation:

The World Bank (**WB**) has released a report titled '**Migration and Development Brief 36, May 2022: A War in a Pandemic: Implications of the Ukraine crisis and COVID-19 on Global Governance of Migration and Remittance Flows**'. In accordance to this, India retained its position as the top recipient of remittances globally in 2021 worth \$89.4 billion as compared to \$82.73 billion in 2020.

i. It is followed by Mexico at 2nd place and China at 3rd, Philippines (4th), and Egypt (5th).

ii. The region of South Asia saw 7% gain in remittances to \$157 billion in 2021.

10. As per the report released by Organisation Internationale des Constructeurs d'Automobiles (OICA) in May 2022, India has surpassed Germany to become ____ largest vehicle market in the world.

- 1) 2nd
- 2) 4th
- 3) 1st
- 4) 5th
- 5) 3rd

Answer- **2) 4th**

Explanation:

According to the report released by Organisation Internationale des Constructeurs d'Automobiles (**OICA**), **India** has surpassed Germany to become **4th largest vehicle market** in the world. The 1st was occupied by China, followed by the US and Japan.

i. Despite the Covid-19 pandemic, India sold 3,759,398 vehicles in 2021 as compared to 2,973,319 vehicles in Germany.

ii. This is almost 26 percent of growth and only country to register double digit growth among top5 countries.

11. Which of the following points are 'Correct' with respect to the Indian Council of Medical Research (ICMR) report on the 'Burden of cancers in India' released in May 2022?

A) The number of Indians suffering from cancer is projected to increase to 29.8 million in 2025 from 26.7 million in 2021.

B) Uttar Pradesh, Bihar and Tripura had the highest cancer DALYs and the most vulnerable are people in the 65–69-year age group.

C) In 2021, the highest incidence was in North India (2,408 patients per 100,000) and the Northeast (2,177 per 100,000).

1) Only A

2) Only B

3) Only A & B

4) Only A & C

5) All A, B & C

Answer- 4) Only A & C

Explanation:

In accordance with the report by the Indian Council of Medical Research (ICMR) on the 'Burden of cancers in India- estimates of cancer crude incidence, Years of Life Losts, Years Lived with Disabilities and Disability Adjusted Life Years for 2021 and 2025 based on National Cancer Registry Program', the number of Indians suffering from cancer is projected to **increase to 29.8 million in 2025** from 26.7 million in 2021.

i. In 2021, the highest incidence was in **North India** (2,408 patients per 100,000) and the Northeast (2,177 per 100,000). It was higher among men. The findings of the report have been published in BMC Cancer Journal.

ii. Mizoram, Delhi and Meghalaya had the highest cancer DALYs; and the most vulnerable demographic are people in the 65–69-year age group.

12. As per the Breed-Wise Report of Livestock and Poultry Based on 20th Livestock Census of 2018-2019 released by Ministry of Fisheries, Animal Husbandry and Dairying, the total number of indigenous cattle declined to ____ in 2019 from 15.12 crore in 2012.

1) 15.00 crore

2) 12.78 crore

3) 13.98 crore

4) 11.23 crore

5) 14.21 crore

Answer- 5) 14.21 crore

Explanation:

Parshottam Rupala, Union Minister of Fisheries, Animal Husbandry and Dairying, has released the **Breed-wise report on Livestock and Poultry** in New Delhi. The report was based on the **20th Livestock Census of 2018-19.**

i. According to the report, the total number of indigenous cattle declined by 6% to **14.21 crore** in **2019** from **15.12 crore in 2012** and their share in the total cattle population fell to 73% from 79% during the period 2012-19.

ii. The report has covered 184 recognized indigenous/exotic and crossbred breeds of 19 selected species that are registered by the NBAGR.

13. Which organisation recently (in May'22) released the 2nd edition of 'Global Land Outlook (GLO2)' report with the finding that there are 23 countries that have experienced drought emergencies in the last two years (2020-2022)?

- 1) United Nations Convention to Combat Desertification
- 2) United Nations Human Settlement Programme
- 3) United Nations Framework Convention on Climate Change
- 4) United Nations Environment Programme
- 5) United Nations Industrial Development Organization

Answer- 1) United Nations Convention to Combat Desertification

Explanation:

In accordance with the 2nd edition of 'Global Land Outlook (GLO2)' report released by the United Nations Convention to Combat Desertification (UNCCD), there are 23 countries who have experienced drought emergencies in the last two years (2020-2022), including Pakistan.

23 countries listed by Report include the following: Afghanistan, Angola, Brazil, Burkina Faso, Chile, Ethiopia, Iran, Iraq, Kazakhstan, Kenya, Lesotho, Mali, Mauritania, Madagascar, Malawi, Mozambique, Niger, Somalia, South Sudan, Syria, Pakistan, the United States and Zambia.

- This report releases ahead of the UN Desertification and Drought Day on June 17, 2022 that will be held on the theme 'Rising up from drought together' and notably, the highest total number of humans affected by drought was in Asia.

14. Which of the following points are 'correct' with respect to the State of Inequality in India Report?

A) NITI Aayog released the State of Inequality in India Report that was written by the Institute for Competitiveness.

B) India's unemployment rate is 4.8 % in 2019-20, with a 46.8 % worker population ratio.

C) In India, the total number of health centres increased from 1,72,608 in 2005 to 1,85,505 in 2020.

- 1) Only A
- 2) Only C
- 3) Only A & B
- 4) Only B & C
- 5) All A, B & C

Answer- 4) Only B & C

Explanation:

Dr. Bibek Debroy, Chairman of the Economic Advisory Council to the Prime Minister (EAC-PM), has released the State of Inequality in India Report that was written by the Institute for Competitiveness.

i. The report compiles data on inequality in the health, education, household characteristics, and labour market sectors. It's an assessment of both inclusion and exclusion.

ii. India's unemployment rate is 4.8 % in 2019-20, with a 46.8 % worker population ratio.

iii. In India, the total number of health centres increased from 1,72,608 in 2005 to 1,85,505 in 2020.

15. Who released the 'Global Food Policy Report (GFPR) recently (in May '22)- Climate Change & Food Systems' stating the number of Indians at risk from hunger is expected to be 73.9 million by 2030?

- 1) The Food and Agriculture Organisation (FAO)
- 2) The International Food Policy Research Institute (IFPRI)
- 3) World Health Organisation (WHO)
- 4) United Nations World Food Programme (WFP)
- 5) United Nations Standing Committee on Nutrition (UNSCN)

Answer- 2) The International Food Policy Research Institute (IFPRI)

Explanation:

The International Food Policy Research Institute (IFPRI) released 'Global Food Policy Report (GFPR) 2022- Climate Change & Food Systems' stating the number of Indians at risk from hunger is expected to be 73.9 million by 2030 i.e. an increase by 23%; and 45 million by 2050. With the Climate Change (CC) effect, this number will change to 90.6 million in 2030, and 44.9 in 2050.

16. As per the UNICEF Child Alert – May 2022, "Severe Wasting: An Overlooked Child Survival Emergency" report, which country has the world's most severely wasted children under the age of five?

- 1) Sri Lanka
- 2) India
- 3) Bangladesh
- 4) Indonesia
- 5) Nigeria

Answer- 2) India

Explanation:

The United Nations Children's Fund (UNICEF) has released its **UNICEF Child Alert – May 2022** edition, titled "**Severe Wasting: An Overlooked Child Survival Emergency.**" According to UNICEF, **India** has the world's most severely wasted children under the age of five, with 5,772,472 affected children.

i. In terms of countries with the highest number of children under the age of five affected by severe wasting, **Indonesia** ranks second with 812,564 severely wasted children. Pakistan, Nigeria, and Bangladesh ranked third, fourth, and fifth, respectively.

ii. Wasting is the most visible and fatal form of malnutrition, described as a low weight-for-height ratio. The most dangerous form is severe wasting, often known as severe acute malnutrition and it is caused by a lack of nutritional diet and frequent occurrences of infections such as diarrhoea, measles, and malaria that deplete a child's immunity.

17. The Seoul Forest Declaration, which was adopted at the XV World Forestry Congress (WFC 2021) in Coex, Seoul, Republic of Korea.

Which organisation and Korea Forest Service (KFS) was organised the XV (WFC 2021) with the theme of "Building a Green, Healthy and Resilient Future with Forests"?

- 1) Food and Agricultural Organisation
- 2) United Nations Human Settlement Programme
- 3) United Nations Development Programme
- 4) United Nations Framework Convention on Climate Change

5) United Nations Environment Programme

Answer- **1) Food and Agricultural Organisation**

Explanation:

The Korea Forest Service (**KFS**) and Food and Agricultural Organisation (**FAO**) organised the **XV World Forestry Congress (WFC 2021)** at Coex, Seoul, Republic of Korea from 2nd to 6th May 2022.

i. During which, 141 Participant countries endorsed the Seoul Forest Declaration to convey the urgent need for action to achieve a green, healthy and resilient future with forests.

ii. The WFC 2021 emphasised on the Youth Call for Action and the Ministerial Call on Sustainable Wood and the event stated that the Investments in forest and landscape should at least be tripled by 2030 in order to implement the global commitments and meet internationally agreed goals and targets.

iii. The theme of XV WFC 2021 is “Building a Green, Healthy and Resilient Future with Forests”.

18. As per the International Labour Organization (ILO) Monitor on The World of Work—Ninth Edition " report, ____ people in the World lost their jobs in the first quarter of 2022.

1) 15.8 crores

2) 8.4 crores

3) 11.2 crores

4) 14.2 crores

5) 9.8 crores

Answer- **3) 11.2 crores**

Explanation:

According to a new report from the International Labour Organization (**ILO**) titled “**ILO Monitor on The World of Work—Ninth Edition**”, several worldwide crises are threatening global labour market recovery, with increasing inequalities within and between countries.

i. The number of hours worked globally decreased in the **first quarter of 2022** and remains 3.8 % lower than the fourth quarter of 2019. (The pre-crisis benchmark). This implies that about **11.2 crores** (112 million) jobs may have been lost over this time.

19. As per the World Economic Forum (WEF)'s Travel and Tourism Development Index 2021, India secured ____ rank in the index, while ____ topped the Index.

1) 58th; Japan

2) 54th; USA

3) 46th; Spain

4) 54th; Japan

5) 46th; USA

Answer- **4) 54th; Japan**

Explanation:

The World Economic Forum (WEF)'s Travel and Tourism Development Index 2021 has ranked **India** in **54th** position (down from 46th in 2019) with a score of 4.1. India still remains as a top performer within South Asia.

i. Japan has **topped** (1) the global chart followed by the United States of America (USA) and Spain and the bottom position (117) is occupied by the country Chad.

ii. The **Theme** of the WEF's Travel and Tourism Development Index 2021 is “**Rebuilding for a Sustainable and Resilient Future**”.

20. Which ministry released the National Achievement Survey (NAS) 2021 in May 2022?

- 1) Ministry of Home Affairs
- 2) Ministry of Micro, Small and Medium Enterprises
- 3) Ministry of Social Justice and Empowerment
- 4) Ministry of Education
- 5) Ministry of Skill Development and Entrepreneurship

Answer- 4) Ministry of Education

Explanation:

The Department of School Education and Literacy, **Ministry of Education** has released the National Achievement Survey **(NAS) 2021** report which was conducted on November 12 2021, assessing the state of the School education system in India.

- i.** The report provides a comprehensive evaluation of children's learning competencies at classes III, V, VIII and X on subjects such as languages, mathematics, and science with a cycle period of three years. The last NAS was conducted in 2017.
- ii.** The Survey 2021 saw participation of about 34 lakh students from 1.18 lakh schools in 720 districts from both rural and urban areas
- iii.** According to NAS 2021, the majority of the states performed below the overall national score, but states like Kerala, Rajasthan, Maharashtra and Punjab performed better than the national average.

21. Which of the following organisations recently (in May '22) launched the first Global Report on Assistive Technology (GReAT) jointly?

- 1) International Monetary Fund
- 2) United Nations Children's Fund
- 3) World Health Organisation
- 4) Both 1 & 2
- 5) Both 2 & 3

Answer- 5) Both 2 & 3

Explanation:

The World Health Organisation **(WHO)** and United Nations Children's Fund **(UNICEF)** jointly launched the first Global Report on Assistive Technology **(GReAT)** which is the culmination of the 71st World Health Assembly (WHA) resolution in 2018 to prepare a global report on effective access to Assistive Technology (AT).

- i.** As per the report, 90% of those who need AT do not have access to it globally. Including AT into health systems is critical for progress towards the targets in the Sustainable Development Goals (SDG) relating to Universal Health Coverage (UHC).
- ii.** A billion people globally are currently estimated to be in need of AT. This is projected to double by 2050(i.e. likely to rise above 3.5 billion by 2050), with an ageing population and increasing prevalence of non-communicable diseases.

ACQUISITION AND MERGERS

1. In April 2022, the Star9 Mobility Private Limited bought the 51% entire stake of Government of India in Pawan Hans Limited (PHL) for _____.

- 1) Rs 409.34 crore
- 2) Rs 211.14 crore
- 3) Rs 398.65 crore
- 4) Rs 506.12 crore
- 5) Rs 176.35 crore

Answer- 2) Rs 211.14 crore

Explanation:

The Alternative Mechanism, empowered by the Cabinet Committee on Economic Affairs (CCEA) has approved the highest bid of **Star9 Mobility Private Limited**, quoting **Rs 211.14 crore**, for the sale of the entire shareholding of the Government of India (GoI) – 51% of Shareholding, of Pawan Hans Limited (PHL) and transfer of management control.

i. Pawan Hans Limited (PHL) is a joint venture of GoI (51%) and ONGC (Oil and Natural Gas Corporation) Limited (49%) providing helicopter and aero mobility services.

2. In May 2022, Larsen & Toubro Infotech (LTI) and Mindtree Amalgamated to form a new entity called 'LTIMindtree'.

The 'LTIMindtree' will be led by whom?

- 1) Venu Lambu
- 2) S N Subrahmanyam
- 3) Debashis Chatterjee
- 4) Sanjay Jalona
- 5) R. Shankar Raman

Answer- 3) Debashis Chatterjee

Explanation:

The Boards of Directors of Larsen & Toubro Infotech (LTI) and **Mindtree** approved the **amalgamation** of both these independently listed IT (Information Technology) services companies under the Larsen & Toubro (L&T) Group.

i. The newly formed entity will be called '**LTIMindtree**', and will be led by Debashis Chatterjee, Current Chief Executive Officer (CEO) & Managing Director (MD) of Mindtree.

ii. After merger, LTI promoters will have a 43.9% while Mindtree promoters will have a 24.8% stake in the combined entity, while L&T Limited will hold 68.73 % of LTI.

3. Which company recently (in May'22) decided to buy Ambuja Cements and its subsidiary ACC stake for \$10.5 bn from Holcim limited?

- 1) Mahindra Group
- 2) Reliance Industries Ltd
- 3) Tata Group
- 4) Aditya Birla Group
- 5) Adani Group

Answer- 5) Adani Group

Explanation:

Adani Group which belongs to Gautam Adani is set to acquire swiss multinational company **Holcim's** stake in Indian companies **Ambuja Cements and its subsidiary ACC** for **\$10.5 bn** (around Rs 81,361 crore), including the open offers.

i. The value for the Holcim stake and open offer consideration for Ambuja Cements and ACC is USD 10.5 billion, which makes this the largest-ever acquisition by Adani, and India's largest-ever M&A transaction in the infrastructure and materials space.

4. In May 2022, e&(Etisalat and) acquired a ____ stake in Vodafone Group Plc (Vodafone) for USD 4.4 billion.

- 1) 8.7%
- 2) 9.8%
- 3) 9.5%
- 4) 9.1%
- 5) 8.9%

Answer- **2) 9.8%**

Explanation:

e&(Etisalat and), formerly known as Emirates Telecommunications Group Company PJSC(Etisalat Group), a United Arab Emirates (UAE)-based telecoms firm, has acquired a **9.8% stake** in Vodafone Group Plc (**Vodafone**) for **USD 4.4 billion**.

i. 'e&' has acquired approximately 2766 million shares in Vodafone Group Plc aggregating to USD 4.4 billion, this share represents 9.8% of Vodafone's issued share capital.

About e&(Emirates Telecommunications Group Company PJSC – Etisalat Group):

CEO- Hatem Dowidar

Headquarters- Abu Dhabi, United Arab Emirates(UAE)

5. In May 2022, CCI approved the acquisition of a ____ stake in the Magma HDI General Insurance Company Limited by Sanoti Properties LLP under Section 31(1) of the Competition Act, 2002.

- 1) 55.39%
- 2) 20.56%
- 3) 65.12%
- 4) 40.12%
- 5) 30.12%

Answer- **1) 55.39%**

Explanation:

The Competition Commission of India (**CCI**) has approved the acquisition of a **55.39% stake** in the **Magma HDI General Insurance Company Limited** by **Sanoti Properties LLP** under Section **31(1)** of the Competition Act, **2002**.

i. The deal would involve buying shares of Magma HDI held by certain shareholders such as Poonawalla Fincorp Limited and Serum Institute of India Private Limited.

ii. The proposed deal is being undertaken in order to ensure the compliance with mandatory regulations of the Insurance Regulatory and Development Authority of India (IRDAI).

6. The CCI recently (in May'22) approved the proposal of merging the Covidshield Technologies Private Limited (CTPL) with which company?

- 1) Aurobindo Pharma Limited
- 2) Alembic Pharmaceuticals Limited
- 3) Bharat Biotech Limited
- 4) Indian Immunologicals Limited
- 5) Biocon Biologics Limited

Answer- 5) Biocon Biologics Limited

Explanation:

The Competition Commission of India (CCI) has approved the proposed deal of merging Covidshield Technologies Private Limited (CTPL), a wholly owned subsidiary of Serum Institute of Life Sciences into Biocon **Biologics limited**, a subsidiary of Biocon Limited.

- i. Covidshield Technologies Private Limited (CTPL)-(Acquirer) & Biocon Biologics Limited (Target).
- ii. The proposed merger would acquire **15%** equity shareholding in Biocon Biologics Limited.

7. IDBI Bank recently (in May' 22) divested its _____ stake (entire) of Asset Reconstruction Company (India) Limited (ARCIL) to Avenue India Resurgence Pte. Limited.

- 1) 10.34%
- 2) 25.34%
- 3) 19.18%
- 4) 17.67%
- 5) 15.21%

Answer- 3) 19.18%

Explanation:

IDBI Bank has divested its entire holdings of 6,23,23,800 fully paid-up equity shares constituting **19.18%** of the total **equity share** capital of Asset Reconstruction Company (India) Limited (**ARCIL**) to **Avenue India** Resurgence Pte. Limited.

- i. The value of the deal was not disclosed.

8. In May 2022, the Competition Commission of India (CCI) approved the acquisition of the majority stake in SMW Ispat Private Limited (SMW Ispat) by which company?

- 1) Amalgam Steel Ltd
- 2) Electrosteel Steel Ltd.
- 3) OFB Tech Private Ltd
- 4) HiNa Battery Technology Ltd
- 5) Essar Steel India Ltd

Answer- 3) OFB Tech Private Ltd

Explanation:

The Competition Commission of India (CCI) has approved the acquisition of the majority stake in SMW Ispat Private Limited (SMW Ispat) by **OFB Tech Private Limited** (OFB Tech or OfBusiness).

- i. OFB Tech is a business-to-business (B2B) commerce startup, involved in the business of wholesale trading of bulk raw materials like steel, non-ferrous metals, industrial chemicals and petroleum derivatives, Agri commodities to enable transactions between businesses through both online and offline channels.

9. Name the company that recently (in May '22) acquired 2 investment technology platforms, WealthDesk and OpenQ, for a total enterprise value of USD 75 million.

- 1) Google Pay
- 2) BharatPe
- 3) PhonePe
- 4) Paytm
- 5) MobiKwik

Answer- **3) PhonePe**

Explanation:

PhonePe, owned by Walmart Inc-controlled Flipkart group, is set to acquire 2 investment technology platforms, **WealthDesk**(Wealth Technology & Services Private Limited) and **OpenQ**(Quantech Capital Investment Advisors Private Limited) for a total enterprise value of **USD 75 million**.

i. PhonePe will acquire WealthDesk for USD 50 million and OpenQ at USD 25 million. Both the acquisition deals will be a mix of cash and stock.

10. In May 2022, GIC Private Limited acquired a _____ stake in Aditya Birla Fashion and Retail (ABFRL) for Rs 2,195 crore.

- 1) 7.5%
- 2) 8.2%
- 3) 6.9%
- 4) 8.5%
- 5) 7.2%

Answer- **1) 7.5%**

Explanation:

GIC Private Limited, Singapore's sovereign wealth fund, is acquiring a **7.5%** equity **stake** in Aditya Birla Fashion and Retail (**ABFRL**) for **Rs 2,195 crore**. GIC will invest Rs.770 crore at first stage, while the remaining cost of Rs.1,425 crore would be done within 18 months. After the investment, Aditya Birla Group will hold a controlling stake of 51.9% in the company.

About GIC

i. GIC Private Limited acts as the Singapore Government's fund manager and was established by the Government of Singapore in 1981 to manage Singapore's foreign reserves.

ii. The company aims to preserve and enhance the international purchasing power of the reserves.

11. In May 2022, Coal India Ltd (CIL) decided to divest the _____ stake in the Bharat Coking Coal Ltd (BCCL) and subsequent listing on stock exchanges.

- 1) 35%
- 2) 30%
- 3) 15%
- 4) 25%
- 5) 10%

Answer- **4) 25%**

Explanation:

Coal India Ltd (**CIL**), under the Ministry of Coal(MoC), is set to divest the **25%** paid-up share principle of its unlisted subsidiary, Bharat Coking Coal Ltd (**BCCL**) and its subsequent listing on stock exchanges after getting further clearances.

- i. The board of Directors meeting to his effect was held on 10th March 2022 and the board also advised forwarding the proposal to the MoC for further clearance. The board has given only the 'in principle' approval to the proposal.
- ii. According to the BCCL's annual report, the decrease in sales affected the finance of BCCL and as a result, BCCL could not maintain its profitability and incurred a loss of RS 1577.06 core.

12. In May 2022, Adani Defence Systems and Technologies Ltd acquired _____ stake in General Aeronautics Private Ltd.

- 1) 25%
- 2) 45%
- 3) 20%
- 4) 50%
- 5) 35%

Answer- **4) 50%**

Explanation:

Adani Defence Systems and Technologies Ltd, the wholly owned subsidiary of Adani Enterprises Limited (AEL) signed a definitive agreement to **acquire 50%** stake in Bengaluru (Karnataka)-based **startup General Aeronautics Private Ltd.**

- i. The acquisition is expected to be completed by July 31, 2022.
- ii. Adani Defence Systems and Technologies will utilize its military drone and AI-Artificial Intelligence/ML-Machine Learning capabilities and work with General Aeronautics for providing end-to-end solutions for the domestic agricultural sector.

DEFENCE

1. Which organisation & Andaman and Nicobar Command recently (on 27th April' 22) test-fired an anti-ship version of the BrahMos Supersonic Cruise Missile?

- 1) Indian Space Research Organisation
- 2) Defence Research and Development Organisation
- 3) Indian Navy
- 4) Hindustan Aeronautics Ltd
- 5) Indian Army

Answer- **3) Indian Navy**

Explanation:

The **Indian Navy** and the **Andaman and Nicobar Command** on **April 27, 2022**, successfully test-fired an **Anti-Ship version of the BrahMos Supersonic Cruise Missile** that destroyed the target at sea from the Andaman and Nicobar Islands and the test fires demonstrate the combat readiness of the Indian Armed Forces.

- i. The Andaman and Nicobar Command is the first and only tri-service theatre command of the Indian Armed Forces, based at Port Blair in the Andaman and Nicobar Islands.

2. In which place, the Indian Coast Guard (ICG) was commissioned 2nd air squadron, 845 Squadron, equipped with Dhruv ALH Mk III Helicopters in May 2022?

- 1) Junagadh, Gujarat
- 2) Tiruchirappalli, Tamil Nadu
- 3) Chandipur, Odisha
- 4) Kochi, Kerala
- 5) Mumbai, Maharashtra

Answer- **4) Kochi, Kerala**

Explanation:

Indian Coast Guard (ICG) Director General (DG) Virender Singh Pathania commissioned **ICG's second Air Squadron, 845 Squadron (CG)** under the administrative and operational control of Coast Guard Air Enclave at Nedumbassery in **Kochi, Kerala**. The Squadron is equipped with the indigenously developed Dhruv Advanced Mark III (**ALH Mark III**) helicopters.

i. Under this, four helicopters have been positioned in Kochi to cover the entire coast of Karnataka, Kerala and Lakshadweep.

ii. The Squadron will be led by Commandant Kunal Naik which has 9 officers and 35 men.

3. The Indian Air Force (IAF) tested (in May 22) the first extended-range version of the BrahMos supersonic cruise missile from which aircraft?

- 1) INS Delhi
- 2) Mikoyan MiG-31
- 3) INS Chennai
- 4) Sukhoi-30 MKI
- 5) Mirage 2000D

Answer- **4) Sukhoi-30 MKI**

Explanation:

The Indian Air Force (**IAF**) successfully test fired the **first ever Extended Range Version of BrahMos Supersonic Cruise Missile** (Air launched version) from **Sukhoi Su-30 MKI** fighter jet on the designated target in Bay of Bengal region.

i. The range of the Extended range version of BrahMos missile is around 350 kilometres (km) from its original 290 km.

ii. The BrahMos missile achieved a supersonic speed of 2.8 Mach or almost three times the speed of sound.

4. In May 2022, National Aerospace Laboratories (NAL) initiated taxi trials for the evaluation of an indigenously developed digital anti-skid braking system for _____ aircraft.

- 1) Tejas Mark-IA
- 2) Sukhoi 57
- 3) SARAS MK II
- 4) Sukhoi 30MKI
- 5) Mikoyan 29

Answer- **3) SARAS MK II**

Explanation:

The **digital anti-skid brake management system** designed for SARAS Mark 2(**SARAS MK II**), 19 seat Light Transport aircraft, has been successfully validated by the National Aerospace Laboratories(NAL) in Bengaluru, Karnataka.

- i. NAL is part of Council of Scientific and Industrial Research(CSIR) labs, has developed a state-of-the-art brake by wire electro-hydraulic braking system for civil aircraft for the first time in India.
- ii. Taxi Trial of the Anti-Skid Brake System was conducted at the speed of about 30 knots and the results were highly satisfactory.

5. Which of the following points are 'correct' with respect to the recent (as of May'22) step taken by the Ministry of Defence?

A) Defence Minister Rajnath Singh launched two Indian Navy frontline warships 'INS Surat' & 'INS Udaygiri'—at Mazagon Dock Shipbuilders Limited in Mumbai, Maharashtra.

B) INS Surat is the fourth and last Guided Missile Destroyer of the 'Project 15B' class, and INS Udaygiri is the second Stealth Frigate of the 'Project 17A' class.

C) The Project 15B class of ships (Kolkata Class) are the stealth guided missile destroyers and the Project 17A Frigates are warships that are successors of the Project 17 (P17) (Shivalik Class) Frigates.

- 1) Only A
- 2) Only B
- 3) Only A & B
- 4) Only A & C
- 5) All A, B & C

Answer- **5) All A, B & C**

Explanation:

Defence Minister Rajnath Singh launched two Indian Navy frontline warships—the Indian Naval Ship (s) (INS)—**'INS Surat' & 'INS Udaygiri'**—at Mazagon Dock Shipbuilders Limited (previously known as Mazagon Docks Limited) (MDL) in Mumbai, Maharashtra.

- i. INS Surat is the fourth and last Guided Missile Destroyer of the 'Project 15B' class, whereas INS Udaygiri is the second Stealth Frigate of the 'Project 17A' class.
- ii. The Project 15B (P15B) class of ships are the Indian Navy's next-generation stealth guided missile destroyers and the Project 17A (P17A) Frigates are warships that are successors of the Project 17 (P17) (Shivalik Class) Frigates.

6. Which country recently (in May '22) conducted the 4th edition of the Coordinated Patrol (CORPAT) along with India in the Northern Bay of Bengal?

- 1) France
- 2) Bangladesh
- 3) Singapore
- 4) Indonesia
- 5) Sri Lanka

Answer- **2) Bangladesh**

Explanation:

The **4th edition** of the **Indian Navy-Bangladesh Navy (IN-BN) Coordinated Patrol (CORPAT)** was conducted in the Northern Bay of Bengal to ensure maritime security in the region.

i. Both sides undertook joint patrolling along the International Maritime Boundary Line (IMBL).

ii. Participants:

- IN- Indigenously Built, Indian Naval Ships (INS) Kora, a guided-missile corvette, and Sumedha, an offshore patrol vessel
- BN- Bangladesh Navy Ship (BNS) Ali Haider and BNS Abu Ubaidah. Maritime Patrol Aircraft of both navies also participated in the Coordinated Patrol.

7. Which country recently (in May '22) conducted the 3rd edition of the Bilateral Exercise 'Bongosagar 2022' along with India at Port Mongla in the Northern Bay of Bengal?

- 1) France
- 2) Bangladesh
- 3) Singapore
- 4) Indonesia
- 5) Sri Lanka

Answer- 2) Bangladesh

Explanation:

The **3rd** edition of Indian Navy (IN)-Bangladesh Navy (BN) Bilateral Exercise '**Bongosagar 2022**' commenced at Port Mongla, Bangladesh. It consists of Harbour Phase, and a Sea Phase in the Northern Bay of Bengal.

Aim of Exercise Bongosagar: To develop a high degree of interoperability and joint operational skills by conducting maritime exercises and operations between the two navies

Participants:

- IN- Indigenously Built, Indian Naval Ships (INS) Kora, a guided-missile corvette, and Sumedha, an offshore patrol vessel
- BN- Bangladesh Navy Ship (BNS) Ali Haider and BNS Abu Ubaidah, both Guided Missile Frigates

8. Name the Indian Navy Ships (INS) Western Fleet's oldest warrior, it was decommissioned after 34 years in Mumbai, Maharashtra.

- 1) INS Rajput
- 2) INS Khukri
- 3) INS Gomati
- 4) INS Viraat
- 5) INS Kolkata

Answer- 3) INS Gomati

Explanation:

The Indian Navy Ship (**INS**) **Gomati** was **decommissioned** from the naval dockyard at Mumbai, Maharashtra after 34 years. INS Gomati was named after the River Gomati and inducted on April 16, 1988 and was inducted by former Union defence minister KC Pant at Mazagon Dock Limited, Bombay.

i. The ship is the third of the Godavari class guided-missile frigates and is the oldest warrior of the Western Fleet.

ii. IMS Gomati was awarded the coveted Unit Citation, in 2007-08 and 2019-20 for its remarkable service of maritime security.

SCIENCE AND TECHNOLOGY

1. In April 2022, which Indian airline became the 1st in Asia to use satellite-based landing procedures (SBAS) using the GAGAN System?

- 1) AirAsia India
- 2) Go First
- 3) Vistara
- 4) Spicejet
- 5) Indigo

Answer- 5) Indigo

Explanation:

India became the **first country** in the **Asia-Pacific** to have satellite-based landing procedure (SBAS) using the GAGAN System. This feat was achieved after Indigo operated ATR 72-600 aircraft using indigenously developed Satellite Based Augmentation System (SBAS) GAGAN (GPS-Aided GEO Augmented Navigation) to land at the Kishangarh Airport, Rajasthan.

i. Localiser Performance with Vertical Guidance (LPV) is a Satellite-Based Procedure that has been used by the aircraft for landing purposes at Kishangarh Airport (Rajasthan).

2. Through which launch vehicle, ISRO's Gaganyaan mission is to launch the 1st uncrewed module into 170×408 kilometre (KM) orbit by 2023.

- 1) PSLV-CA
- 2) GSLV-MK II
- 3) PSLV-XL
- 4) GSLV-MK III
- 5) GSLV

Answer- 4) GSLV-MK III

Explanation:

The Indian Space Research Organisation (**ISRO**), as part of its Human Spaceflight (**Gaganyaan**) mission has finalised the launch of the **first uncrewed mission** or G1 which will propel the orbital module, into a 170×408-kilometre (**KM**) orbit through the Geosynchronous Satellite Launch Vehicle Mark 3 (**GSLV-MK III**) or Human-Rated Launch Vehicle (HRLV) by 2023.

i. The G1 mission will be followed by G2, the second uncrewed mission, both of which are precursors to the eventual human crewed mission or H1.

3. Name the Indian Organisation that recently (in April '22) signed an MoU with GE Power Conversion to develop the Integrated Electric Propulsion Systems for the Indian Navy.

- 1) Bharat Heavy Electricals Ltd
- 2) Bharat Dynamics Ltd
- 3) Bharat Electronics Ltd
- 4) Defence Research and Development Organisation
- 5) Hindustan Aeronautics Ltd

Answer- 1) Bharat Heavy Electricals Ltd

Explanation:

Bharat Heavy Electricals Ltd (**BHEL**) signed an **MoU** with **GE Power Conversion** to develop and boost Integrated Electric Propulsion Systems for the Indian Navy to promote 'Atmanirbhar Bharat'.

i. It enhances the ship's energy requirements, including propulsion, high-power sensors, service loads and pulse power for defence systems and GE's naval technologies are shock rated and proven on naval applications from 3MW to 110MW.

4. Name the Fast Patrol Vessel (FPV) that was launched by the Indian Coast Guard in May 2022.

- 1) Abhinav
- 2) Atulya
- 3) Milind Kamble
- 4) Kamla Devi
- 5) Ayush

Answer- **4) Kamla Devi**

Explanation:

The Indian Coast Guard (**ICG**) launched the Fast Patrol Vessel (**FPV**) 'Yard 2118' named as **Kamla Devi**, in honour of the Social reformer and freedom fighter Kamladevi Chattopadhyay, in West Bengal. The Vessel is fifth in the series of the five FPVs.

i. The FPV was indigenously designed and built by Garden Reach Shipbuilders and Engineers Limited (GRSE) in a public-private partnership with Titagarh Wagons Limited (TWL) for the Indian Coast Guard.

ii. The Vessel is 48.9 metres long and 7.5 metres wide with a displacement of around 308 tonnes and is designed for maximum speed of 34 knots with an endurance of more than 1,500 nautical miles.

5. The Government of India recently (in May'22) launched the NOAR website to promote open access in the power sector.

In NOAR, what does R stand for?

- 1) Ratio
- 2) Registry
- 3) Rate
- 4) Route
- 5) Roadmap

Answer- **2) Registry**

Explanation:

The **Government of India** has launched the **National Open Access Registry** (NOAR) website, a move closer to promoting open access in the power sector.

i. NOAR is an integrated single-window electronic platform for the electronic processing of short-term open access applications, that is accessible to all power sector stakeholders, including open access customers (both sellers and buyers), power traders, power exchanges, and National/Regional/State Load Despatch Centres (LDCs).

6. In March 2022, LakshyaSAT, a 1U Cubesat nanosatellite, was developed by Kurapati Sai Divyawas, which was successfully launched into the stratosphere by B2Space Limited from the UK.

Kurapati Sai Divyawas belong to which state in India?

- 1) Maharashtra
- 2) Kerala
- 3) Karnataka
- 4) Andhra Pradesh
- 5) Tamil Nadu

Answer- 4) Andhra Pradesh

Explanation:

LakshyaSAT, 1U Cubesat nanosatellite is a class of research spacecraft was designed and developed by **Kurapati Sai Divya** belonging to Tenali, Guntur district, **Andhra Pradesh (AP)** was successfully launched into the **Stratosphere** by the B2Space Limited, United Kingdom (UK) in March 2022.

i. The CubeSat model nanosatellite was placed inside a space box platform and sent to the stratosphere with the help of a high altitude balloon to collect various parameters of the stratosphere and the payload LakshyaSAT reached an altitude of 26 km and stayed in the stratosphere for around three hours.

7. Name the institute that recently (in May '22) signed an agreement with the Indian Meteorological Department (IMD) to develop a user-friendly weather forecasting app.

- 1) IIT- Bombay
- 2) IIT- Guwahati
- 3) IIT- Delhi
- 4) IIT- Kanpur
- 5) IIT- Madras

Answer- 1) IIT- Bombay

Explanation:

The Indian Institute of Technology (**IIT)-Bombay** has signed an **agreement** with the Indian Meteorological Department (**IMD**) of the Ministry of Earth Sciences (**MoES**), Government of India, to develop climate solutions for stakeholders at the village, city, and district levels.

i. The agreement coincided with the 10-year completion of the Interdisciplinary Program in Climate Studies (IDPCS) at IIT Bombay, which was established in 2012 with significant financial backing from the Department of Science and Technology, Ministry of Science and Technology.

8. Which country recently (in April'22) launched a mysterious missile (YJ-21) from its Type 055 guided-missile cruiser?

- 1) Iran
- 2) Japan
- 3) Israel
- 4) Russia
- 5) China

Answer- 5) China

Explanation:

The People's Liberation Army Navy (PLAN) of **China** launched an unidentified/**mysterious missile** from its **Type 055** (Renhai Class) guided-missile cruiser on April 19, 2022. According to experts, the new missile is expected to be an anti-ship ballistic missile known as the **YJ-21**.

- i. The YJ-21 was launched from the warship Wuxi, a Type 055 cruiser that had been commissioned in March 2022 in Qingdao, Shandong Province, China.
- ii. The YJ-21's exact parameters are unclear; however, its range could be somewhere between 1,000 and 1,500 kilometres.

9. Which institute recently (in April '22) demonstrated Extreme Massive MIMO technology for the deployment of 5G advanced and 6G technology?

- 1) IIT- Hyderabad
- 2) IIT- Kanpur
- 3) IIT- Madras
- 4) IIT- Delhi
- 5) IIT- Kharagpur

Answer- **1) IIT- Hyderabad**

Explanation:

The Indian Institute of Technology (**IIT Hyderabad**) announced the demonstration of the **Extreme Massive** (Multiple-Input Multiple-Output) **MIMO**, a vital technology which is being considered for 5G advanced and 6G deployment.

- i. Massive MIMO involves deployment of MIMO on a larger scale in the interest of greater network coverage and data carrying capacity and IIT Hyderabad has developed an experimental research prototype with the aim to discover achievable performance limits.

10. By which year, the Indian Space Research Organisation (ISRO) has planned a mission to Venus?

- 1) December 2028
- 2) December 2024
- 3) December 2026
- 4) December 2031
- 5) December 2023

Answer- **2) December 2024**

Explanation:

At the inaugural session of the National Meet on Venus Science, Chairman of the Indian Space Research Organisation (**ISRO**), S. Somnath, announced a **Mission to Venus**, the hottest planet in the solar system, by **December 2024**. The next similar window would be available in 2031.

- i. The major objectives of the mission are to investigate surface processes and shallow subsurface stratigraphy and research the structure, composition, and dynamics of the atmosphere. As part of this mission, ISRO will also study active volcanism, lightning, craters, the presence of oxygen, Venus' geology, and other topics.

11. Which country recently (in May '22) deployed 8 remote sensing satellites into Low Earth Orbit (LEO) through its Long March 2D carrier rocket?

- 1) Pakistan
- 2) Israel
- 3) China
- 4) Japan
- 5) Russia

Answer- **3) China**

Explanation:

The **China** Aerospace Science and Technology Corporation (CASC) has successfully deployed **eight remote sensing satellites** into the Low Earth Orbit (**LEO**) using its **Long March** (Chang Zheng) **2D carrier rocket** from Taiyuan Satellite Launch Centre, in the northern province of Shanxi, China.

i. The eight remote sensing satellites consist of seven Jilin-1 Gaofen 03D and one Jilin-1 Kuanfu 01C satellite.

12. In May 2022, Russia launched a secret military spacecraft into orbit around Earth by using a ____ launch vehicle.

- 1) Ariane 6 rocket
- 2) Delta IV rocket
- 3) Angara 1.2 rocket
- 4) Falcon 9 rocket
- 5) Proton-M rocket

Answer- **3) Angara 1.2 rocket**

Explanation:

Russia has launched a secret military spacecraft into orbit around the Earth using Russia's new **Angara 1.2 rocket**, a light launch vehicle. The launch took place at the Plesetsk Cosmodrome in the town of Mirny in the north-western Russian region of Arkhangelsk Oblast.

New Russia's Military Spacecraft

i. Likely a top secret radar military satellite system for use in the war in Ukraine.

ii. For launching this military spacecraft, Russia used for the first time the Angara 1.2 rocket.

13. The Indian Navy is to acquire a _____ to boost capacity in the Indian Ocean Region through the GSLV-F12 launch vehicle.

- 1) EOS-01
- 2) Landsat 9
- 3) GISAT 2
- 4) Cartosat-2
- 5) RISAT-1

Answer- **3) GISAT 2**

Explanation:

As part of its modernisation and network-centric warfare and communications programme, the **Indian Navy** is looking to acquire a dedicated earth imaging satellite — Geo Imaging Satellite-2 (**GISAT 2**) or EOS-05 in this fiscal year. The launching vehicle will be Geosynchronous Satellite Launch Vehicle (**GSLV**)-**F12**.

- i. The GISAT 2 is the second satellite in this series and it will be designed to provide near real-time images of large areas of region of interest at frequent intervals, which will help the navy not only in surveillance but also operations planning.
- ii. Geo Imaging Satellite or GISAT is an Indian imaging satellite class for geostationary orbit with a high temporal resolution, meant for providing near real time imaging with fast revisit capability and real time monitoring. Two satellites will provide resolution in the range of 42 to 318 m.

14. Name the portal that was recently (in May '22) launched by the Ministry of Home Affairs (MHA) for retired CAPF & Assam Rifle personnel to secure employment with private security agencies (PSAs).

- 1) CARF Punar Prayaas
- 2) CAPF Punarvaas
- 3) CARF Punar Nirvachan
- 4) CARF Punar Niyukthi
- 5) CARF Punar Jeevith

Answer- 2) CAPF Punarvaas

Explanation:

The Ministry of Home Affairs (MHA) has launched a portal 'CAPF Punarvaas' for the benefit of personnel belonging to Central Armed Police Forces (CAPF) like CRPF (Central Reserve Police Force) and BSF (Border Security Force) seeking re-employment after their retirement.

i. It will help retired personnel seeking re-employment to find an appropriate match by uploading their personal details on the Welfare & Rehabilitation Board (WARB) along with their area of expertise and preferred employment location.

15. Which Aerospace company from Bengaluru was recently (in May'22) tested 'India's 1st high-performance green propulsion system' for satellites?

- 1) Ananth Technologies
- 2) AgniKul Cosmos
- 3) Pixxel
- 4) Dhruva Space
- 5) Bellatrix Aerospace

Answer- 5) Bellatrix Aerospace

Explanation:

Bengaluru-based **Bellatrix Aerospace** has tested **India's first high-performance green propulsion system** for satellites that cuts a new path from the conventional hydrazine-dependent fuel systems and offers a potential 20% jump in fuel efficiency for space satellites

New Green Propulsion

- i. This green propellant has significantly reduced toxicity compared to hydrazine, making it safer to store and handle.
- ii. Creates new fuel which is eco-friendly and which is also a non-hydrazine based fuel.

16. Name the website of the literary initiative of the Prabha Khaitan Foundation (PKF) that was recently (in May 22) launched by Lok Sabha (LS) Speaker Om Birla to support vernacular literature.

- 1) Kalam website
- 2) Whistle-blower website
- 3) My e-Haat website
- 4) Bal Swaraj website
- 5) Yuktdhara website

Answer- 1) Kalam website

Explanation:

Lok Sabha (LS) Speaker Om Birla launched the **Kalam website**, one-of-its-kind of literary initiative of the Prabha Khaitan Foundation (PKF) to support and encourage vernacular literature.

Kalam initiative:

Initiated in 2015 in the cities of Jaipur (Rajasthan) and Patna (Bihar) and has conducted over 550 sessions spread over 40 cities in India and overseas since then. Its aim is to popularize Hindi literature and to provide a platform for veteran and young authors, and poets to talk about their writings and love for vernacular literature.

17. For which programme, ISRO recently (in May'22) tested a human-rated solid rocket booster (HS200) from Sriharikota, Andhra Pradesh?

- 1) Shukrayaan
- 2) Aditya-1
- 3) Gaganyaan
- 4) Chandrayaan-3
- 5) Mangalyaan

Answer- 3) Gaganyaan

Explanation:

Indian Space Research Organisation (**ISRO**) has successfully completed the static test of human-rated solid rocket booster (**HS200**) at Satish Dhawan Space Centre (SDSC), Sriharikota, Andhra Pradesh for its **Gaganyaan programme 2023**.

i. The HS200 booster loaded with 203 tons of solid propellant was tested for a duration of 135 seconds. It is a 20 m long and 3.2m diameter booster that is the world's second-largest operational booster with solid propellant.

ii. The objective of Gaganyaan programme is to demonstrate indigenous capability to undertake human space flight missions to Lower Earth Orbit (LEO).

18. NASA recently (in May '22) launched the Endurance mission into the atmosphere through its three stage Oriole IIIA Sounding Rocket from Andøya Space's Ny-Ålesund, Svalbard Launch Facility in _____.

- 1) Norway
- 2) Los Angeles
- 3) Florida
- 4) Washington
- 5) Guiana

Answer- 1) Norway

Explanation:

The National Aeronautics and Space Administration (**NASA**) launched its **Endurance mission** through its three stage **Oriole IIIA Sounding Rocket** to an altitude of 475 miles into the atmosphere, from Andøya Space's Ny-Ålesund, Svalbard Launch Facility in **Norway**.

- i. The mission aimed at investigating how Earth supports life while other planets like Mars, Venus don't.
- ii. The Endurance Mission carries instruments to measure Earth's electric potential which deployed 8 booms, 1 hinged sensor and 2 sprung loaded caps.

19. Which organisation/ministry recently (in May '22) launched the National Data and Analytics Platform (NDAP) to improve access & use of published Indian government data?

- 1) Ministry of Science and Technology
- 2) Indian Space Research Organisation
- 3) Ministry of Electronics and Information Technology
- 4) NITI Aayog
- 5) Ministry of Home Affairs

Answer- **4) NITI Aayog**

Explanation:

The National Institution for Transforming India (**NITI Aayog**) has launched the National Data and Analytics Platform (**NDAP**) which aims to improve access and use of published Indian government data.

- i. The platform provides standardised datasets from across India's vast landscape of administrative data. NDAP helps users to search, merge, visualize and download datasets with ease.

20. Union Minister Ashwini Vaishnaw recently (in May '22) launched the GatiShakti Sanchar portal for Centralised Right of Way (RoW) approvals.**Which ministry developed the Portal?**

- 1) Ministry of Electronics and Information Technology
- 2) Ministry of Communications
- 3) Ministry of Railways
- 4) Ministry of Science and Technology
- 5) Ministry of Information and Broadcasting

Answer- **2) Ministry of Communications**

Explanation:

The Union Minister Ashwini Vaishnaw, Ministry of Communications (MoC), Ministry of Electronics and Information Technology (Meity) launched the **GatiShakti Sanchar portal** for Centralised Right of Way (RoW) approvals.

- i. The portal has been developed by Bhopal, Madhya Pradesh (MP)-based MP state Electronics Development Corporation on behalf of Department of Telecommunications (DoT), **Ministry of Communications (MoC)**.
- ii. It was launched on the lines of PM GatiShakti National Master Plan (NMP) and The timely disposal of RoW applications, within a span of 20 to 22 days from around 100 days, will enable speedy infrastructure creation resulting in the timely rollout of 5G Network also.

21. Indian Space Research Organisation (ISRO) is planning to build an identical pair of two satellites, DISHA-L&H to Study the Upper Atmosphere.

In DISHA, What does D stand for?

- 1) Disk
- 2) Disturbed
- 3) Draft
- 4) Direct
- 5) Demand

Answer- 2) Disturbed

Explanation:

The Indian Space Research Organisation (**ISRO**) is all set to build an identical pair of satellites/twin satellites namely 'DISHA (**Disturbed and quiet time Ionosphere-thermosphere System at High Altitudes**)' in L and H variants, for studying the earth's upper atmosphere. The twin Aeronomy mission, "DISHA-H&L mission" conceptualized by ISRO. They will be launched in low earth orbit, about 500 kilometres above earth.

i. DISHA satellites will study space weather and solar-terrestrial interactions.

- DISHA - H will be placed at a higher inclination to the equator (greater than 85 degrees) while DISHA - L will remain at a lower inclination (of about 25 degrees), simultaneously orbiting the Earth at an altitude of approximately 400 km.

22. Which country's air force recently (in May'22) tested a hypersonic weapon that flew at five times the speed of sound?

- 1) Japan
- 2) Israel
- 3) Germany
- 4) US
- 5) Russia

Answer- 4) US

Explanation:

The United States Air Force informed that 419th Flight Test Squadron and the Global Power Bomber Combined Test Force at Edwards Air Force Base had conducted a successful test of a hypersonic weapon, which flew at five times greater than the speed of sound (Mach 5).

i. B-52H Stratofortress bomber launched an AGM-183A ARRW (Air-launched Rapid Response Weapon) and the test was conducted off the coast of Southern California.

ii. The weapon was developed by the Lockheed Martin Corporation and the operational range is 1000 mi (1600 km).

23. Which organisation recently (in May'22) test-fired the 1st Naval Anti-ship missile along with the Indian Navy at the Integrated Test Range (ITR) in Balasore, Odisha?

- 1) Indian Space Research Organisation
- 2) Hindustan Aeronautics Ltd
- 3) Bharat Electronics Ltd
- 4) Defence Research and Development Organisation
- 5) Bharat Dynamics Ltd

Answer- 4) Defence Research and Development Organisation

Explanation:

The **Indian Navy** in association with the Defence Research and Development Organisation (**DRDO**) successfully test fired the **first** indigenously developed **air-launched Naval Anti-ship missile** from a Seaking 42B Helicopter at the Integrated Test Range (**ITR**) in **Balasore, Odisha**.

i. The missile is fitted with many new technologies such as an indigenously developed launcher for the helicopter, Missile Guidance System, a State-of-the-art navigation system and integrated avionics.

24. In May 2022, India's first indigenous trainer aircraft, "HANSA-NG", successfully completed an in-flight engine relight test in the Chitradurga district of Karnataka.

Name the organisation that developed the 'HANSA-NG' aircraft.

- 1) Bharat Dynamics Ltd
- 2) CSIR-National Aerospace Laboratories
- 3) Hindustan Aeronautics Ltd
- 4) Defence Research and Development Organisation
- 5) Indian Space Research Organisation

Answer- 2) CSIR-National Aerospace Laboratories

Explanation:

The Council of Scientific and Industrial Research (**CSIR**)-National Aerospace Laboratories (**NAL**) designed and **developed, 'HANSA-NG'** India's first indigenous trainer aircraft (the new generation two seater flying trainer aircraft) was successfully completed in-flight engine relight test at the Aeronautical Test Range (ATR) facility of Defence Research Development Organisation (DRDO) at Challakere, Chitradurga district of Karnataka.

i. The new generation HANSA-NG aircraft is designed to meet the Indian flying club needs and is an ideal aircraft for commercial pilot licensing due to its low cost and fuel consumption and The flight test was carried out at an altitude of 7,000-8,000 feet with a speed range of 60 to 70 knots

25. Name the space mission which was scheduled to launch in 2022 to commemorate the 75th year of India's Independence.

- 1) SRMSAT
- 2) ANUSAT
- 3) YOUTHSat
- 4) UNITYsat
- 5) STUDSat

Answer- 4) UNITYsat

Explanation:

Union Minister of State (Independent Charge) Science & Technology, Earth Sciences, and Space Dr. Jitendra Singh chaired the 4th joint meeting of all the Science Ministries and departments which was held in New Delhi.

i. During the meeting of all the Science Ministries and departments, **75 Students' satellites**, a space mission called **UNITYsat** is scheduled to launch in 2022 to coincide with Azadi Ka Amrit Mahotsav, celebrating 75th year of India's Independence. ISRO has also planned to launch Azadisat along with the 75 students' satellites.

ii. A constellation of 75 students' satellites Developed by students from the Chandigarh University, Indian Institute of Technology-Kanpur, IIT-Bombay, and 11 other institutions, these satellites have been designed to promote the Internet of Things (IoT) in space.

26. Name the 1,600-foot asteroid that was heading toward the earth in May 2022.

- 1) 2008 A12
- 2) 2008 K56
- 3) 2008 TZ3
- 4) 2008 AZ6
- 5) 2008 TZ4

Answer- **3) 2008 TZ3**

Explanation:

The National Aeronautics and Space Administration (NASA) reported that an asteroid of 1,600-foot would make a close approach to our planet at 2.48am on May 16.

i. The giant space rock asteroid is termed as 388945 (**2008 TZ3**), which passed us at a distance of about 2.5 million miles away. As the space rock routinely passes the Earth – every two years, this is not the first time that Asteroid 388945 has passed.

ii. To protect earth from the potentially hazardous asteroids, NASA launched its Double Asteroid Redirection Test (DART) mission, which aims to deflect an asteroid heading towards Earth from its path “through kinetic impact”.

27. Recently (in May '22) which Country Plans to launch Closeby Habitable Exoplanet Survey (CHES), the World's First Habitable Planet Search With Space Telescope?

- 1) United States of America
- 2) France
- 3) China
- 4) Japan
- 5) Russia

Answer- **3) China**

Explanation:

China plans for a space project to survey the sky through a space-borne telescope to hunt for habitable Earth-like planets outside the solar system, about 32 light-years from Earth.

The project, named **Closeby Habitable Exoplanet Survey (CHES)**, would be the first space mission specially designed to search for habitable terrestrial planets around nearby Sun-like stars.

28. Name the Indian Aerospace startup company that recently (in May'22) tested the Kalam-100 Engine on Vikram 1 launch vehicle.

- 1) Agnikul Cosmos
- 2) Bellatrix Aerospace
- 3) Pixxel
- 4) Skyroot Aerospace
- 5) Dhruva Space

Answer- **4) Skyroot Aerospace**

Explanation:

Hyderabad-based space startup **Skyroot Aerospace** successfully tested a solid fuel-based engine **Kalam-100 Engine**, that would be used in the third stage of the launch vehicle called **Vikram 1**.

i. The Vikram 1 rocket will use four fuel-based stages which includes 3 solid fuel and one 1 liquid fuel stages for the launch with the capable of putting 225 kg payloads into sun-synchronous polar orbit whose payload capacity is very small.

ii. Launch vehicle contains four stages, in which the third stage contains a solid fuel-based engine called Kalam-100 Engine, named after scientist and India's former president Dr APJ Abdul Kalam. About Testing: Test firing ran for 108 seconds and the engine produces a peak vacuum thrust of 100kilonewton(kN) or 10Tons .

29. Which aerospace company and NASA recently (in May'22) launched the Starliner Space Capsule- OFT 2 (Orbital Flight Test-2) to carry astronauts to and from the International Space Station (ISS)?

- 1) Raytheon Technologies
- 2) Northrop Grumman
- 3) Boeing
- 4) Airbus
- 5) Lockheed Martin

Answer- **3) Boeing**

Explanation:

The **Boeing** Company and National Aeronautics and Space Administration (**NASA**) launched the **Starliner Space Capsule- OFT 2** (Orbital Flight Test-2) from Space Launch Complex-41 on Cape Canaveral Space Force Station in Florida, United States of America (USA) to carry astronauts to and from the International Space Station (ISS).

i. The launch was carried out using the United Launch Alliance (ULA) Atlas V rocket and the Launch is the second uncrewed flight test of Boeing's Crew Space Transportation (CST)-100 Starliner spacecraft for the Commercial Crew Program.

30. The world's largest and most powerful space-based observatory, James Webb Space Telescope was recently (in May '22) completed the first test to track a moving object in deep space.

Name the asteroid in the Main Belt that was tested by the engineering team.

- 1) 10 Hygiea
- 2) 259 Aletheia
- 3) 6481 Tenzing
- 4) 121 Hermione
- 5) 354 Eleonora

Answer- **3) 6481 Tenzing**

Explanation:

James Webb Space Telescope, the world's largest and most powerful space-based observatory, recently completed the first test to track a moving object, which verified that the telescope could conduct moving target science.

i. The engineering team tested this capability on a small asteroid in the Main Belt: **6481 Tenzing**, named after **Tenzing Norgay**, the famous Tibetan mountain guide who was one of the first people to reach the summit of Mount Everest.

ii. The Webb mission was launched on an Ariane 5 rocket from French Guiana on December 25, 2021 and the Webb Space Telescope will actually orbit the Sun, 1.5 million kilometers (1 million miles) away from the Earth at what is called the second Lagrange point or L2.

31. The Supercomputer PARAM-PORUL was inaugurated in which institute under Phase 2 of the National Supercomputing Mission (NSM)?

- 1) NIT- Tiruchirappalli
- 2) NIT- Jaipur
- 3) IIT- Delhi
- 4) NIT- Warangal
- 5) IIT- Madras

Answer- 1) NIT- Tiruchirappalli

Explanation:

Bhaskar Bhat, Chairperson Board of Governors, National Institute of Technology (NIT)-**Tiruchirappalli** inaugurated the state-of-the-art **Supercomputer PARAM-PORUL** at NIT-Tiruchirappalli under **Phase 2** of the National Supercomputing Mission (NSM).

- i.** Under which major components are indigenously developed and assembled in India including a software stack **developed** by the Centre for Development of Advanced Computing (C-DAC) in line with the Make in India initiative.
- ii.** The supercomputer was built based on the MoU signed between NIT Tiruchirappalli and C-DAC on 12th October **2020** in order to establish **838 TeraFlops** Supercomputing Facility under NSM.
- iii.** The supercomputer worth **Rs.19 crores** was sanctioned by the Ministry of Electronics and Information Technology (MeITY) and the Department of Science and Technology (DST).

32. Name the 2nd survey Vessel project was launched (in May '22) for the Indian Navy by Garden Reach Shipbuilders and Engineers (GRSE) Limited in Chennai, Tamil Nadu.

- 1) Nirdeshak
- 2) Samudrakhoj
- 3) Jalprahar
- 4) Samudrayaan
- 5) Sandhayak

Answer- 1) Nirdeshak

Explanation:

The **second** of the four Survey Vessels (Large) (SVL) '**Nirdeshak**' (Yard 3026), was launched at Kattupalli, Chennai, Tamil Nadu. The ship was built by Garden Reach Shipbuilders & Engineers (**GRSE**) in collaboration with L&T Shipbuilding Limited for the Indian Navy.

- i.** The contract for building four SVL ships was signed between the Ministry of Defence (MoD) and Garden Reach Shipbuilders & Engineers (GRSE), Kolkata on 30 October 2018. The first of class ship 'Sandhayak' was launched on 05 December 2021 at GRSE, Kolkata.

33. Identify the Indian Navy warship of the Talwar class that was used to test the Indian Navy's Surface-to-Air Missile (SAM) System in May 2022.

- 1) INS Tarkash
- 2) INS Teg
- 3) INS Trikand
- 4) INS Tabar
- 5) INS Trishul

Answer- 2) INS Teg

Explanation:

The **Indian Navy** successfully tested its ship-based surface to air missile system by taking down a low flying target. The Indian Navy's guided-missile anti-submarine stealth frigate successfully engaged a low flying target with its **surface-to-air missile (SAM) system**. The test fire took place from Talwar Class Indian Navy warship – **INS Teg**.

- i. A surface-to-air missile, also known as a ground-to-air missile(**GTAM**)or surface-to-air guided weapon(**SAGW**), is a missile designed to be launched from the ground to destroy aircraft or other missiles.
- ii. SAM can be Long Range Surface to Air Missile (LRSAM) and Medium Range Surface to Air Missile (MRSAM).

34. The Ministry of Commerce & Industry recently (in May '22) launched Indian Business Portal – An International Trade Hub for Indian Exporters and Foreign Buyers.

Which organisation/Institutes developed the “Indian Business Portal” along with GlobalLinker?

- 1) IIM Ahmedabad
- 2) Federation of Indian Export Organisation
- 3) ASSOCHAM
- 4) IIM–Bangalore
- 5) Federation of Indian Chambers of Commerce & Industry

Answer- 2) Federation of Indian Export Organisation

Explanation:

Union Minister of State for Commerce & Industry Smt. Anupriya Patel launched the Indian Business Portal – An International Trade Hub for Indian Exporters and Foreign Buyers in New Delhi.

- i. Federation of Indian Export Organisation (**FIEO**) in partnership with **GlobalLinker**, has designed and developed the “Indian Business Portal” which would serve as an International Trade Hub to connect Indian Exporters with Foreign/Overseas Merchants.
- ii. It is a **B2B digital marketplace** to empower SME exporters, artisans and farmers to identify new markets for their products and grow their sales globally.

35. Which country recently (in May '22) test-fired its Zircon Hypersonic Cruise Missile from the Barents Sea of the Arctic Ocean?

- 1) Pakistan
- 2) Russia
- 3) Israel
- 4) China
- 5) Japan

Answer- 2) Russia

Explanation:

Russia had successfully test fired its **Zircon Hypersonic Cruise Missile**, from the Admiral Gorshkov frigate of the Northern fleet in the Barents Sea of Arctic Ocean. The missile hits the sea target in the White Sea, traveling 1,000 kilometres (540 nautical miles).

- i. The Zircon missile was the latest addition to Russia's arsenal of weapons called 'invincible' by the President Vladimir Putin.

ii. The Hypersonic missile has capacity to travel more than five times the speed of Sound and manoeuvre in mid-flight, making it harder to track and intercept than traditional projectiles.

SPORTS

1. Name the Indian badminton player who recently (in May'22) won the bronze medal in the women's singles at the 39th edition of the 2022 Badminton Asia Championships held in Manila, Philippines.

- 1) Saina Nehwal
- 2) PV Sindhu
- 3) Jwala Gutta
- 4) Manasi Girishchandra Joshi
- 5) Ashwini Ponnappa

Answer- **2) PV Sindhu**

Explanation:

The Indian Badminton Player Pusarla Venkata(PV) **Sindhu** won the **Bronze medal** in the **women's singles** at the 39th edition of 2022 Badminton Asia Championships held from April 26 to May 1, 2022 at the Muntinlupa Sports Complex in Manila, Philippines.

i. Men's Singles – The Malaysian badminton player Lee Zii Jia won the gold medal by defeating the Indonesian badminton player Jonatan Christie.

ii. Women's Singles – The Chinese badminton player Wang Zhiyi won the gold medal by defeating the Japanese badminton player Akane Yamaguchi.

2. Who recently (in May '22) won the 2022 World Snooker Championship held at Sheffield, England and became Oldest Snooker Champion in history?

- 1) Judd Trump
- 2) Mark Selby
- 3) Ronnie O'Sullivan
- 4) Shaun Peter Murphy
- 5) John Higgins

Answer- **3) Ronnie O'Sullivan**

Explanation:

Ronnie O'Sullivan (England), has won the **2022 World Snooker Championship** (officially 2022 Betfred World Snooker Championship) by **defeating** Judd Trump (England) against 18-13 in the finals, which were held from April 16 to May 2, 2022 at the Crucible Theatre in **Sheffield, England**.

i. By winning the tournament, O'Sullivan (Aged 46) becomes the **oldest world champion** in Crucible history, eclipsing Ray Reardon, who won his sixth title aged 45 in 1978 and 2022 championship was Ronnie O'Sullivan's seventh World Snooker Championship title, previously in 2001, 2004, 2008, 2012, 2013 and 2020

3. As per the International Table Tennis Federation (ITTF) rankings 2022 (as of 3rd May 2022), _____ secured 38th position in the women's singles & Sathiyan Gnanasekaran gained _____ position in the Men's Singles category.

- 1) Archana Girish Kamath; 34th
- 2) Ankita Das; 32nd
- 3) Manika Batra; 34th
- 4) Archana Girish Kamath; 30th
- 5) Manika Batra; 32nd

Answer- 3) Manika Batra; 34th

Explanation:

According to the International Table Tennis Federation (ITTF) rankings 2022 (as of 3rd May 2022), the Indian Paddler **Manika Batra** achieved career high rank by gaining **38th position** in the **women's singles** and the compatriot Sathiyan Gnanasekaran (**G Sathiyan**) gained **34th** position in the **Men's Singles category**.

- Men's Doubles – The duo G Sathiyan and Harmeet Desai ranked at 28th position while the pair of G Sathiyan and Achanta Sharath Kamal are placed 35th.
- Women's Doubles – Manika Batra and Archana Kamath are ranked world number 4 while Sutirtha Mukherjee and Ayhika Mukherjee are next best at world no 29.
- Mixed Doubles – Manika and Sathiyan are ranked world no 6 and Manav Vikas Thakkar and Archana Kamath are world no 22.

4. Which of the following points are 'correct' with respect to the Annual ICC Team Rankings 2022 (as of May'22)?

A) England have consolidated their top position in the ICC Men's Test team rankings, followed by West Indies and Australia.

B) In the ICC Men's T20I Team Rankings, India remains the No. 1 team, followed by England and Pakistan.

C) New Zealand remain the No.1 team in the ICC Men's ODI (One Day International) Team Rankings, followed by England.

- 1) Only A
- 2) Only B
- 3) Only C
- 4) Only A & B
- 5) Only B & C

Answer- 5) Only B & C

Explanation:

In the ICC's (International Cricket Council) annual update 2022, **Australia** have consolidated their top position in the MRF Tyres ICC Men's Test Team Rankings followed by **India** and **New Zealand**.

i. In the MRF Tyres ICC Men's T20I (Twenty 20 Internationals) Team Rankings, India consolidated their top position followed by England.

ii. New Zealand remain the No.1 team in the MRF Tyres ICC Men's ODI (One Day International) Team Rankings followed by England.

iii. India under the captaincy of Rohit Sharma finished the 2021-22 season as the world's number one ranked T20 team.

5. Which of the following Indian archers' players who recently (in May '22) won the gold medal in the Recurve Mixed Team category in the Antalya 2022 Hyundai Archery World Cup stage 1 held at Antalya, Turkey?

- 1) Atanu Das
- 2) Tarundeep Rai
- 3) Ridhi
- 4) Only 1 & 2
- 5) Only 2 & 3

Answer- 5) Only 2 & 3

Explanation:

Indian archers – Padma Shri **Tarundeep Rai** and **Ridhi** have won the **gold medal** under the **Recurve Mixed Team category** at the **Antalya 2022 Hyundai Archery World Cup stage 1** held from 18th to 24th April 2022 at Antalya, Turkey.

- i.** Tarundeep Rai was a part of the gold medal winning team at the 2010 Shanghai Archery World Cup.
- ii.** The Indian trio – Abhishek Verma, Rajat Chauhan and Aman Saini has also won the Gold medal in compound men's team competition.

6. Which of the following points is 'Incorrect' with respect to the 2nd edition of Khelo India University Games (KIUG) 2021?

- 1) The 2nd edition of Khelo India University Games (KIUG) 2021 held in Mysore, Karnataka with 'Dhakad' Mascot.
- 2) The Jain University emerged overall champions with 20 gold, 7 silver and 5 bronze medals followed by Lovely Professional University(LPU), Punjab.
- 3) Ann Mariya from Mangalore University set a new National record in the 87 kg women weightlifting competition by lifting 129 kg.
- 4) Pavithra Venkatesh of Periyar University (Salem, Tamil Nadu) set a new games record in women's pole vault, scaling a height of 4.01m.
- 5) Siva Sridhar of Jain University was the most successful athlete in the Khelo India University Games 2021 & Swimmer Shrungi Bandekar emerged as the most successful female athlete.

Answer- 1) The 2nd edition of Khelo India University Games (KIUG) 2021 held in Mysore, Karnataka with 'Dhakad' Mascot.

Explanation:

The 2nd edition of Khelo India University Games (**KIUG) 2021** held in **Bengaluru, Karnataka** with '**Veera**', an **elephant mascot** & the Logo features the iconic Vidhana Soudha building – the Legislative House in Bengaluru – with two elephants on either side.

- i.** The **Jain University** emerged overall champions with 20 gold, 7 silver and 5 bronze medals followed by Lovely Professional University(LPU), Punjab.
- ii.** Ann Mariya from Mangalore University set a new National record in the 87 kg women weightlifting competition by lifting 129 kg to break Manpreet Kaur's clean and jerk record of 128 kgs at the National Championships earlier this year.
- iii.** Pavithra Venkatesh of Periyar University (Salem, Tamil Nadu) set a new games record in women's pole vault, scaling a height of 4.01m.
- iv.** Siva Sridhar of Jain University was the most successful athlete in the Khelo India University Games 2021 & Swimmer Shrungi Bandekar emerged as the most successful female athlete.

7. Which football team recently (in May '22) won the Santosh Trophy 2021-22 for the 7th time by defeating West Bengal?

- 1) Maharashtra Football team
- 2) Manipur Football team
- 3) Punjab Football team
- 4) Mizoram Football team
- 5) Kerala Football team

Answer- 5) Kerala Football team

Explanation:

The **Kerala Football team** captained by Jijo Joseph has won the **Santosh Trophy 2021-22**, the **75th edition** of the tournament defeating 32 time champions West Bengal & won the title for **the 7th time**.

i. The 2021-22 Santosh Trophy was held at the Kottappadi Stadium and the Payyanad Stadium in Malappuram, Kerala and Runner-up(West Bengal) will receive Kamala Gupta Trophy & the third-place winner will receive, Sampangi Cup.

ii. Santosh Trophy is an annual national competition among various regional and state association teams held since 1941.

8. Who recently (in May '22) won the 1st edition of the Formula 1 'Miami Grand Prix' 2022 held in Florida, United States (US)?

- 1) Valtteri Bottas
- 2) Sergio Pérez
- 3) Charles Leclerc
- 4) Max Verstappen
- 5) Lewis Hamilton

Answer- 4) Max Verstappen

Explanation:

The Red Bull driver **Max Verstappen** (Belgian-Dutch), had won the **first edition** of the Formula 1(**F1**) **2022 Miami Grand Prix title**, which was held from 6th to 8th May 2022 at Miami International Autodrome in Miami Gardens, Florida, United States (US).

i. Verstappen defeated the Ferrari driver Charles Leclerc (Monacan) by 3.786 seconds and pushed Charles Leclerc to the second position.

ii. The Miami Grand Prix event was the fifth round of the 2022 Formula One (F1) World Championship.

9. Name the Indian Grandmaster (GM) who recently (in May '22) won the 1st Chessable Sunway Formentera Open 2022 chess tournament held in Spain.

- 1) Arjun Vishnuvardhan
- 2) Aadit Khanna
- 3) N. R. Visakh
- 4) Karthik Venkataraman
- 5) D Gukesh

Answer- 5) D Gukesh

Explanation:

Indian Grand Master (GM) **D Gukesh** from Chennai, Tamilnadu became champion in the 1st Chessable Sunway Formentera Open 2022 chess tournament held in Spain. It was a hat-trick for GM Gukesh after

he had previously won the 48th La Roda tournament and the Menorca Open which were held in Spain.

i. He settled for a draw with Armenian GM Haik M Martirosyan in the final round to win the title.

10. In May 2022, Carlos Alcaraz from _____ won the 20th edition of the 2022 Madrid Open Titles in Men's Singles, while _____ from Tunisia won the title in Women's Singles and became the 1st Arab woman to win a Women's Tennis Association (WTA) 1000 event.

- 1) Spain; Ons Jabeur
- 2) Germany; Selima Sfar
- 3) Spain; Nour Abbès
- 4) Colombia; Selima Sfar
- 5) Germany; Ons Jabeur

Answer- **1) Spain; Ons Jabeur**

Explanation:

The **20th edition of 2022 Madrid Open Titles** were won by Carlos Alcaraz, Spanish Professional Tennis Player under Men's Singles by defeating Alexander Zverev (Germany) and the Tunisian Professional Tennis Player **Ons Jabeur** under Women's Singles by defeating Jessica Pegula (United States).

i. Ons Jabeur was the first African, hailing from Tunisia & the first Arab woman to win a Women's Tennis Association (WTA) 1000 event, Jabeur secured World No. 7 and became the first Arab player, male or female, to break into the world's top 10.

ii. The Madrid Open 2022 (Officially Mutua Madrid Open) was held at La Caja Mágica Stadium located in Madrid, Spain

11. In May 2022, the Ministry of Youth Affairs and Sports & the Haryana government jointly launched the mascot, logo, jersey, & theme song for the 4th Khelo India Youth Games (KIYG) 2021.

What is the 'mascot' of the 4th Khelo India Youth Games (KIYG) 2021?

- 1) Bing Dwen Dwen
- 2) Bholu
- 3) Dhakad
- 4) Stumpy
- 5) Veera

Answer- **3) Dhakad**

Explanation:

Union Sports Minister Anurag Thakur and Haryana Chief Minister Manohar Lal Khattar unveiled the **mascot 'Dhakad,'** as well as the official emblem and jersey of the **Fourth Khelo India Youth Games (KIYG) 2021** in Panchkula, Haryana.

i. Haryana is set to host the 4th edition of Khelo India Youth Games from June 4 to 13, 2022 in Panchkula and the Games are being organised jointly by the Haryana government, the Union ministry of youth affairs and sports and the Sports Authority of India (SAI).

12. Name the Indian Grandmaster who recently (in May'22) secured 2nd place in the TePe Sigeman Chess Tournament 2022 held in Malmo, Sweden.

- 1) D Gukesh
- 2) Arjun Erigaisi
- 3) N. R. Visakh
- 4) Adhiban Baskaran
- 5) Himanshu Sharma

Answer- 2) Arjun Erigaisi

Explanation:

Indian Grandmaster **Arjun Erigaisi** from Telangana finished **second** in the **2022 TePe Sigeman Chess Tournament**, an 8-player single round-robin tournament taking place from 3-9 May 2022 in **Malmo, Sweden**.

i. Hans Moke Niemann from the United States of America is the champion of the tournament.

13. Who recently (in May'22) became the 1st Indian to win a gold medal at the IWF Junior World Championships 2022 by lifting a total weight of 153 kg in the 45 kg women's category?

- 1) Gyaneshwari Yadav
- 2) Harshada Sharad Garud
- 3) Renu Bala Chanu
- 4) V Rithika
- 5) Monika Devi

Answer- 2) Harshada Sharad Garud

Explanation:

The Indian Weightlifter, **Harshada Sharad Garud** won **India's first Gold** at 2022 International Weightlifting Federation's **(IWF) Junior World Championships** by lifting a Total weight of **153 kg** in 45 kg women's category, which includes 70 kg in Snatch and 83 kg in Clean and Jerk (C&J).

i. The Indian Weightlifters Gyaneshwari Yadav [156 kg (Snatch-73 kg; C&J-83 kg)] and V Rithika [150kg (Snatch- 69kg; C&J- 81kg)] bagged Silver and Bronze medal respectively in 49 kg Women's Category.

ii. IWF 2022 Junior World Weightlifting Championships was held at Heraklion Indoor Sports Arena, Heraklion, Greece, from May 2 to May 10 2022.

14. Which of the following point is 'Incorrect' with respect to the 2022 Badminton World Federation (BWF) Thomas Cup and Uber Cup?

- 1) Team India Men's Badminton won the 30th edition of BWF Thomas Cup 2022 after beating the 14-time champion Thailand.
- 2) In the First Men's Singles, Lakshya Sen defeated Indonesia's Anthony Sinisuka Ginting.
- 3) In the Second Men's Singles, Kidambi Srikanth defeated Jonatan Christie and secured a historic victory for India.
- 4) South Korea won the 2022 BWF Uber Cup, badminton's world women's team championship, defeating the 15 time Champions China.
- 5) The 2022 Thomas Cup and Uber Cup was held at Impact Arena, Bangkok, Thailand in May 2022.

Answer- 1) Team India Men's Badminton won the 30th edition of BWF Thomas Cup 2022 after beating the 14-time champion Thailand.

Explanation:

Team India Men's Badminton won the 32nd edition of Badminton World Federation (BWF) Thomas Cup 2022 after beating the 14-time champion Indonesia.

- i. In the First Men's Singles, the World championship bronze medallist Lakshya Sen defeated Indonesia's Anthony Sinisuka Ginting.
- ii. In the Second Men's Singles, the World championship silver medallist Kidambi Srikanth defeated Jonatan Christie by 21-15, 23-21 and secured a historic victory for India by leading 3-0.
- iii. South Korea won the 2022 BWF Uber Cup, badminton's world women's team championship, defeating the 15 time Champions China.
- iv. The 2022 Thomas Cup was held at Impact Arena, Bangkok, Thailand from 8 to 15 May 2022.

15. In the Italian Open 2022, _____ from Serbia won the men's singles and also won his 38th Masters 1000 title, while Iga Swiatek from _____ won the women's singles in the tournament.

- 1) Novak Djokovic; Poland
- 2) Stefanos Tsitsipas; Tunisia
- 3) Viktor Troicki; Greece
- 4) Stefanos Tsitsipas; Poland
- 5) Novak Djokovic; Tunisia

Answer- 1) Novak Djokovic; Poland

Explanation:

The World no. 1 Serbian tennis player **Novak Djokovic** has won the 79th edition of the 2022 Internazionali BNL d'Italia of Rome title (Italian Open) after defeating Stefanos Tsitsipas from Greece in Men's Singles and also won his **38th Masters 1,000 title** after the victory over Casper Ruud in the semi-finals held on May 14 2022.

- i. In the **Women's Singles**, **Iga Swiatek** from Poland (World No. 1 by Women's Tennis Association) defeated Ons Jabeur from Tunisia by 6-2, 6-2 to claim her fifth tournament victory. It was also her 28th win in a row.
- ii. The Italian open 2022 title is his first title in this year (2022) and sixth in Rome (Previously in the year 2008, 2011, 2014, 2015 & 2020).
- iii. The tournament was held at Foro Italico, Rome, Italy, between May 2 to May 15 2022.

16. Which of the following point is 'Incorrect' with respect to the XXIV Summer Deaflympic Games 2021?

- 1) The 24th edition of 2021 Summer Deaflympics was an international multi-sport event held at Samsun, Turkey in May 2022 with the mascot 'Bing Dwen Dwen'.
- 2) Ukraine placed first in the Tournament with a total medal tally of 138 followed by USA and Iran.
- 3) India holds 9th position with a total medal tally of 17 (8- Gold, 1- Silver, 8 Bronze) in the Summer Deaflympics.
- 4) The Indian golfer Diksha Dagar outplayed American Ashlyn Grace and bagged the gold medal at the women's Golf event.
- 5) The Indian Shooter Abhinav Deshwal won the Gold in men's 10m air pistol event by defeating Oleksii Lazebnyj from Ukraine.

Answer- 1) The 24th edition of 2021 Summer Deaflympics was an international multi-sport event held at Samsun, Turkey in May 2022 with the mascot 'Bing Dwen Dwen'.

Explanation:

The 24th edition of 2021 Summer Deaflympics i.e. Caxias 2021, officially called the XXIV Summer Deaflympic Games, was an international multi-sport event held at Festa da Uva, **Caxias do Sul, Brazil** in May 2022 with the mascot '**the Ring-tailed Coati – Nino**'.

- The Motto of the event is "Sports comes from the our hearts".
- India holds 9th position with a total medal tally of 17 (8- Gold, 1- Silver, 8 Bronze) in the Summer Deaflympics whereas Ukraine placed first position followed by USA and Iran.
- The Indian golfer Diksha Dagar outplayed American Ashlyn Grace and bagged the gold medal at the women's Golf event.
- The Indian Shooter Abhinav Deshwal won the Gold in men's 10m air pistol event by defeating Oleksii Lazebnyj from Ukraine.

17. Who recently (in May '22) Acquired the fifth franchise in UAE T20 League?

- 1) Adani Sportsline
- 2) Reliance Industries
- 3) Grandhi Mallikarjuna Rao (GMR) group
- 4) Capri Global
- 5) Knight Riders

Answer- **1) Adani Sportsline**

Explanation:

Adani Sportsline, a subsidiary of the Adani group, has acquired the rights to own and operate a franchise in the six-member United Arab Emirates (UAE) T20 League.

- Adani will be the fifth franchise owner of the UAE T20 league, marking its first major foray into cricket overseas.

18. Which of the following points are 'correct' with respect to the 12th edition of 2022 International Boxing Association (IBA) Women's World Boxing Championship held in May 2022?

- A) The 12th edition of 2022 International Boxing Association (IBA) Women's World Boxing Championship was held at Istanbul, Turkey.**
- B) India has won a total medal tally of 4, which includes one gold and 3 bronze, while Ireland tops the medal tally.**
- C) The Indian boxer Nikhat Zareen won the gold in the flyweight (52 kg) by defeating Thailand's Jitpong Jutamas, and she became the fifth Indian women boxer to win the World Championship.**

- 1) Only A
- 2) Only B
- 3) Only A & B
- 4) Only A & C
- 5) All A, B & C

Answer- **4) Only A & C**

Explanation:

The 12th edition of 2022 International Boxing Association (IBA) Women's World Boxing Championship was held at Istanbul, Turkey from May 8 to May 20, 2022.

i. India has won a total medal tally of **3**, which includes **one gold** and **two bronze**, while **Turkey** tops the medal tally.

ii. The Indian boxer Nikhat Zareen (from Telangana) won the gold in the flyweight (52 kg) by defeating Thailand's Jitpong Jutamas, and she became the fifth Indian women boxer to win the World Championship.

- Other Four Indian boxers who have won the world title for India are – Mary Kom , Sarita Devi , Jenny RL and Lekha KC.

iii. The other two Indian women boxers Manisha Moun (from Haryana) and Parveen Hooda(from Haryana) had won the bronze medals in 57kg and 63kg categories respectively.

19. Which of the following point is 'Incorrect' with respect to the ISSF Junior World Cup 2022 held in May 2022?

- 1) The International Shooting Sport Federation (ISSF) Junior World Cup 2022 was held at Lima, Peru.
- 2) The Indian junior shooting team came in first position overall by winning 33 medals in total followed by Italy.
- 3) Indian pistol pairs Esha Singh and Saurabh Chaudhary won the gold medal in the 10M Air Pistol Mixed Team Junior event at the ISSF Junior World Cup 2022.
- 4) Rudranksh Balasaheb Patil & Abhinav Shaw Make it 1-2 for India in Men's 10m Air Rifle Event.
- 5) Sift Kaur Samra of India won the individual women's 50 metre (m) rifle 3 positions (3P) defeating Julie Johannessen of Norway.

Answer- 1) The International Shooting Sport Federation (ISSF) Junior World Cup 2022 was held at Lima, Peru.

Explanation:

The International Shooting Sport Federation (**ISSF**) **Junior World Cup 2022** was held at **Suhl in Germany** from May 10 – 19, 2022. The Indian contingent was led by ace shooters Manu Bhaker and Saurabh Chaudhary.

i. At the ISSF Junior World Cup 2022, the **Indian junior** shooting team came in **first position** overall. They won 33 medals in total, including 13 gold, 15 silver, and 5 bronze. With four gold medals, Italy came in second place.

ii. Indian pistol pairs Esha Singh and Saurabh Chaudhary won the gold medal in the 10M Air Pistol Mixed Team Junior event at the ISSF Junior World Cup 2022.

iii. Rudranksh Balasaheb Patil & Abhinav Shaw Make it 1-2 for India in Men's 10m Air Rifle Event.

iv. Sift Kaur Samra of India won the individual women's 50 metre (m) rifle 3 positions (3P) defeating Julie Johannessen of Norway.

20. Who recently (in May'22) won the Spanish Grand Prix 2022 held at Circuit de Barcelona-Catalunya in Spain?

- 1) Sergio Perez
- 2) Lewis Hamilton
- 3) Max Verstappen
- 4) Charles Leclerc
- 5) George Russell

Answer- 3) Max Verstappen